STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL GAS AND MINING

FORM 3

	·····	D	MISION OF C	IL,	GAS, AND WII	MING			5. MINERAL	I EASE NO	. le SI	JRFACE:
		APPLICA	TION FOR PER	MIT	TO DRILL				1	22049	, 10. 30	STATE
	DD!					-			7. IF INDIAN		E OR TRI	
1A. TYPE OF WO	RK: DKI	LΨ	☐ REENTER		☐ DEEPEN				7.11 1101/214	N/		<i>DE 10 10.</i>
				CINC	LE ZONE MULTIP	1 E ZONE			8. UNIT OF C			ME:
B. TYPE OF WELL	L OIL	☑ GAS OT	HER	SING	LE ZONE MULTIP	LE ZUNE			Jo. Civil Ci C	N/.		VIC.
			v-						9. WELL NA			
2. NAME OF OPE	RATOR:	OED II	INTA DACINI INC							GB 9ML		
		QEP U	INTA BASIN, INC.		PHONE NUMBER:				10. FIELD A			
3. ADDRESS OF C		VEDNAL CTAT	E UT ZIP 84	078	(435) 781-4	331			L .	KENNED		
4. LOCATION OF		VERNAL STAT		070	40.121							SHIP, RANGE,
AT SURFACE:	1995' FSI 80	R' FFL	633141 X		*		6.0		MERID	IAN:		
AT PROPOSED P	RODUCING ZOI	NF SAME	444 22141		-109.4		5 0		NESE	16	85	22E
ATPROPOSEDT	14. DISTA	NCE IN MILES AN	D DIRECTION FROM N	EARE:	ST TOWN OR POST OF	FFICE:			12. C	OUNTY:		13. STATE:
			· \ - MILES FROM VE						UII	NTAH		UTAH
				T 40	NUMBER OF ACRES I	NIEACE:	- 1	17	NUMBER OF	ACRES A	SSIGNED	TO THIS WELL:
15. DISTANC			LEASE LINE(FEET)	10.	NUMBER OF ACRES	N LEASE.			WOMBER OF	40		
	_	308' + / -		l _								
18. DISTANC	E TO NEAREST	WELL (DRILLING	, COMPLETED, OR	19.	PROPOSED DEPTH			20. 1	BOND DESCI			
	,	ON THIS LEASE (FEET)		11100'				96500303	33		
21. ELEVATIONS		1200' +/-	ETC.):	22	. APPROXIMATE DATE	WORK W	ILL START:	23	. ESTIMATED	DURATIO	N:	
21. ELEVATIONS	4869.4' G		_ 1 0.).		ASA				10 DA	YS		
				<u> </u>			222224					
24				ED C	ASING AND CEMI				VIELD AND	CLUDDY	/CICUT	
SIZE OF HOLE			D WEIGHT PER FOOT	TC	SETTING DEPTH 700'		TYPE, QUAN			SLUKKTV	VEIGHT	
12 1/4"	9 5/8"	J-55	36 lb/ft (new) S		11100'	SEE 6-F	OINT DRILL	JING				
7 7/8"	4 1/2"	P-110	11.6 lb (new) L	10_	11100					<u>-</u>		-
	-				-	 						
		*****							-			
		-	-				******			-		
25		-			ATTACHMENT	S			•			
VERIFY THE FOL	LOWING ARE A	TTACHED IN ACC	ORDANCE WITH THE	UTAH	OIL AND GAS CONSE	RATION GE	ENERAL RULE	S:				
✓ WELL PLAT O	R MAP PREPARE	D BY LICENSED SU	JRVEYOR OR ENGINEER			ETE DRILL						
☑ EVIDNECE OF	DIVISION OF W	ATER RIGHTS API	PROVAL FOR USE OF WA	TER	☐ FORM	5, IF OPER	RATOR IS PERS	SON (or company	OTHER TH	AN THE LE	EASE OV
	Λ						D	4	A CC			
NAME (PLEAS	SE P I KIN/T <u>)</u>	Jar	Nelson			TITLE	Regulato	ory /	Affairs			
		γ \mathcal{N}	115m			DATE	2/22/00					
SIGNATURE .	<u> </u>	m / γ	MAN			DATE	3/23/06					
(This space for S	tate/use on (/)											
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API NUMBER	ASSIGNED:	13.00	17-37944		APF	PROVAL	:					
	•							_				

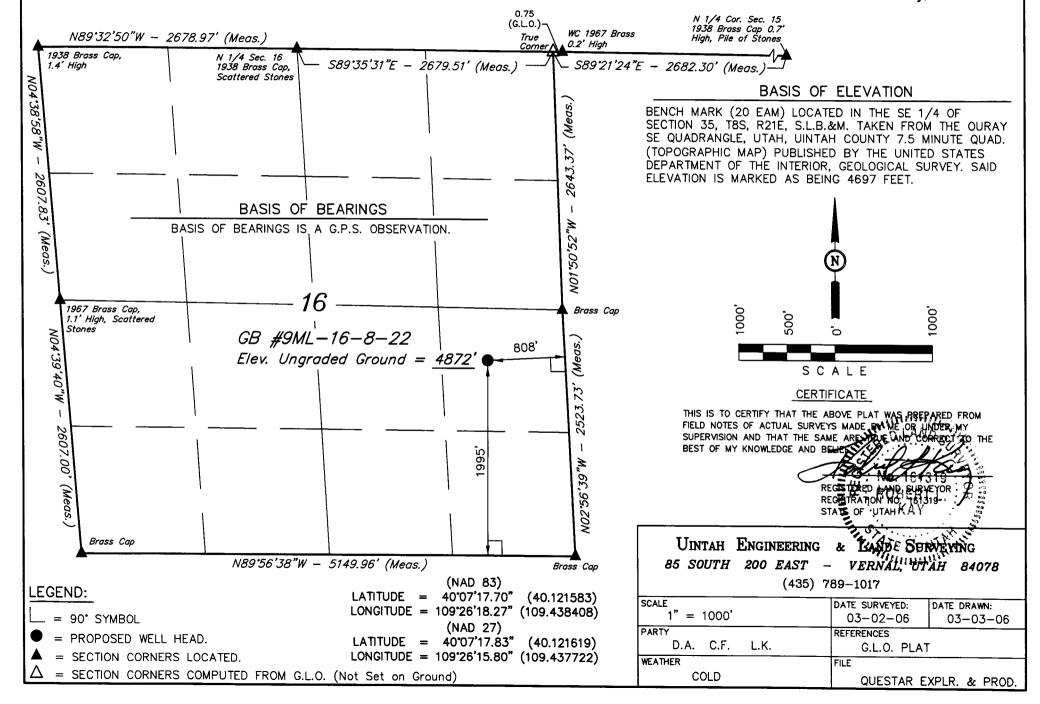
(11/2001)

(See Instruction on Reverse Side)

T8S, R22E, S.L.B.&M.

QUESTAR EXPLR. & PROD.

Well location, GB #9ML-16-8-22, located as shown in the NE 1/4 SE 1/4 of Section 16, T8S, R22E, S.L.B.&M. Uintah County, Utah.



Additional Operator Remarks

QEP Uinta Basin, Inc. proposes to drill a well to 11100' to test the Mesa Verde. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirement.

See Onshore Order No. 1 attached

Please be advised that QEP Uinta Basin, Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No. 965003033. The principal is QEP Uinta Basin, Inc. via surety as consent as provided for the 43 CFR 3104.2.

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1 Approval of Operations on Onshore Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

Formation	Depth	Prod. Phase Anticipated
Uinta	Surface	
Green River	2705'	
Wasatch	5829'	
Mesa Verde	8569'	
Sego	10944'	Gas
TD	11100'	

2. Anticipated Depths of Oil Gas Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas. Or other mineral bearing formations are expected to be encountered are as follows:

Substance	Formation	Depth
Gas	Wasatch/ Mesa Verde	11100'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If no flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right #36125 or Red Wash water right #49-2153 to supply fresh water for drilling purposes.

All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal Site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

DRILLING PROGRAM

- 3. Operator's Specification for Pressure Control Equipment:
 - A. 5,000 psi W.P. Double Gate BOP or Single Gate BOP (schematic attached)
 - B. Functional test daily
 - C. All casing strings shall be pressure tested (0.2 psi/foot or 1500 psi, (or 70% of burst whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
 - D. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 5M system and individual components shall be operable as designed.

4. <u>Casing Program</u>

	<u>Depth</u>	<u>Hole Size</u>	Csg Size	<u>Type</u>	Weight
Surface	700'	12 1/4"	9-5/8"	J-55	36 lb/ft (new) LT&C
TD	11100'	7 –7/8"	4 –1/2"	P-110	11.60 lb/ft (new)LT&C

5. Auxiliary Equipment

- A. Kelly Cock yes
- B. Float at the bit no
- C. Monitoring equipment on the mud system visually and/or PVT/Flow Show
- D. Full opening safety valve on the rig floor yes
- E. Rotating Head yes

 If drilling with air the following will be used:
- F. The blooie line shall be at least 6" in diameter and extend at least 100' from the well bore into the reserve/blooie pit.
- G. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500').

ONSHORE OIL & GAS O. DER NO. 1 QEP Uinta Basin, Inc. GB 9ML-16-8-22

DRILLING PROGRAM

- H. Compressor shall be tied directly to the blooie line through a manifold.
- I. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.

Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 9.5 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

- 6. Testing, logging and coring program
 - A. Cores none anticipated
 - B. DST none anticipated

Logging – Mud logging – 4500 to TD GR-SP-Induction Neutron Density MRI

C. Formation and Completion Interval: Wasatch / Mesa Verde interval, final determination 0f completion will be made by analysis of logs.
 Stimulation – Stimulation will be designed for the particular area of interest as encountered.

ONSHORE OIL & GAS O. DER NO. 1 QEP Uinta Basin, Inc. GB 9ML-16-8-22

DRILLING PROGRAM

7. Cementing Program

Casing	<u>Volume</u>	Type & Additives
Surface	399sx	Class "G" single slurry mixed to 15.6 ppg, yield = 1.19 cf/sx. Cement to surface with 160 cf (1541sx) calculated. Tail plug used. Allowed to set under pressure

Production Lead-637sx*

Tail-1747sx*

Lead/Tail oilfield type cement circulated in place.

Tail slurry: Class "G" + gilsonite and additives as required, mixed to 14.8 ppg, yield = 1.34 cf/sx. Tail

to 5300' (±500' above production zone).

Cement Characteristics:

Lead slurry: Class "G" + extender and additives as required, mixed to 11.0 ppg, yield = 3.82 cf/sx. Lead to surface. Tail plug used. Allowed to set under pressure.

*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

8. <u>Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards</u>

No abnormal temperatures or pressures are anticipated. No H2S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 4814.0 psi. Maximum anticipated bottom hole temperature is 140° F.

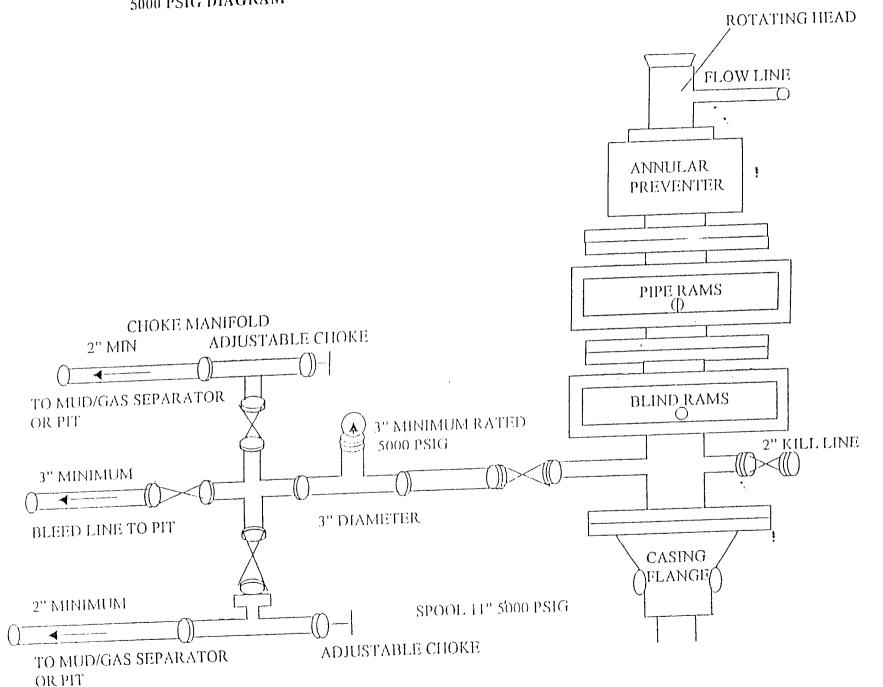


EXHIBIT B CONTINUED

REWOTELY OPERATED VALVE
SECURIC OPTIONAL

ADMINISTRALE
CHOKE

REWOTELY OPERATED VALVE
SECURIC OPTIONAL

ADMINISTRALE
CHOKE

REWOTELY OPERATED VALVE
SECURIC OPTIONAL

ADMINISTRALE
CHOKE

REWOTELY OPERATED CHOKE

5M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

[FR Doc. 88-20738 Filed 11-17-86; 8:45 am]

Lessee's or Operator's Representative:

Jan Nelson Red Wash Rep. QEP Uinta Basin, Inc. 11002 East 17500 South Vernal, Utah 84078 (435) 781-4331

Certification:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

QEP Uinta Basin, Inc. fully responsible for the actions of their subcontractors.

A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by QEP Uinta Basin, Inc. its' contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Jan Nelson 23-Mar-06

Red Wash Representative

QUESTAR EXPLR. & PROD.

GB #9ML-16-8-22

LOCATED IN UINTAH COUNTY, UTAH SECTION 16, T8S, R22E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY

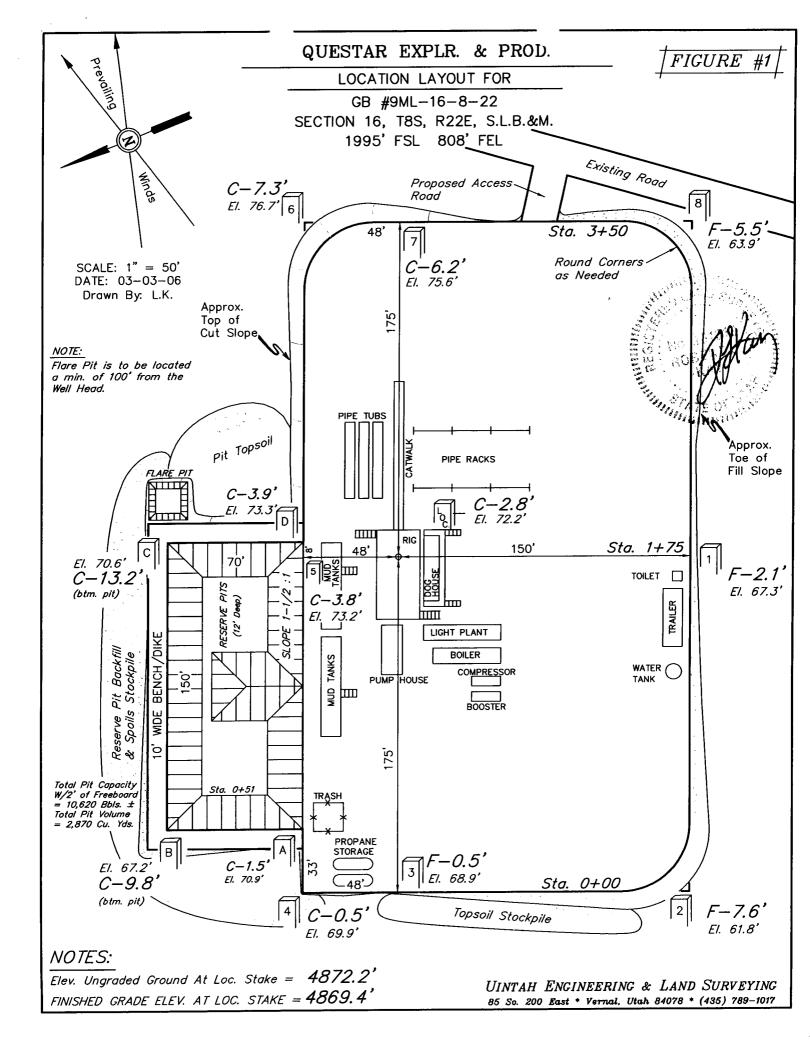


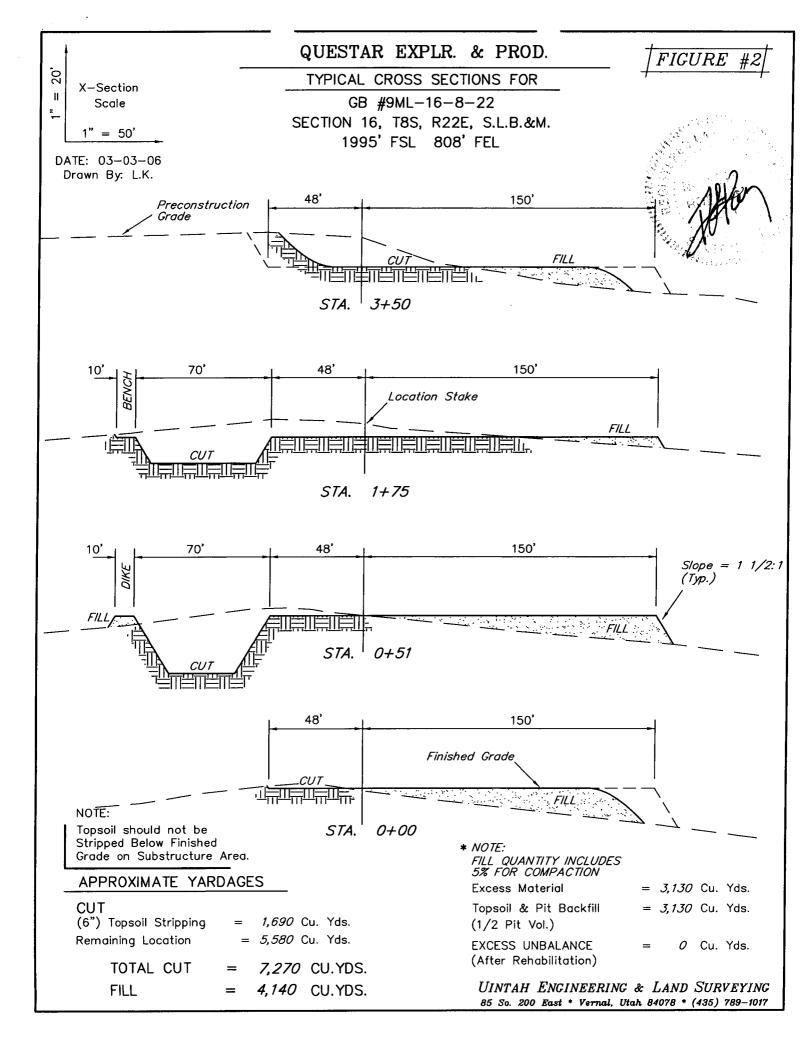
PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

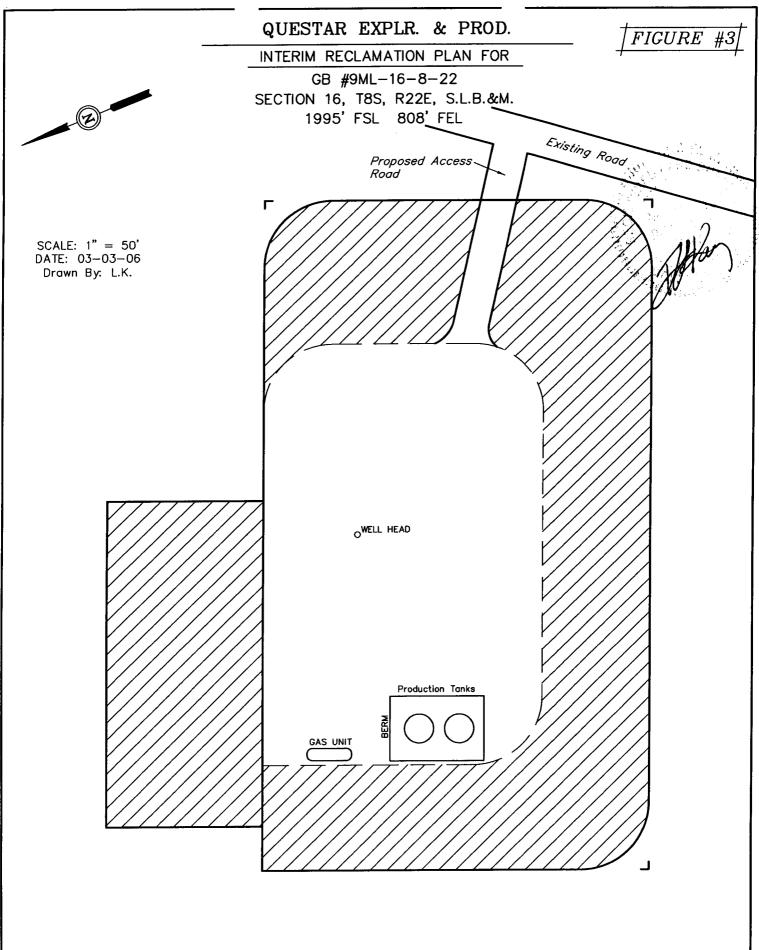
CAMERA ANGLE: WESTERLY

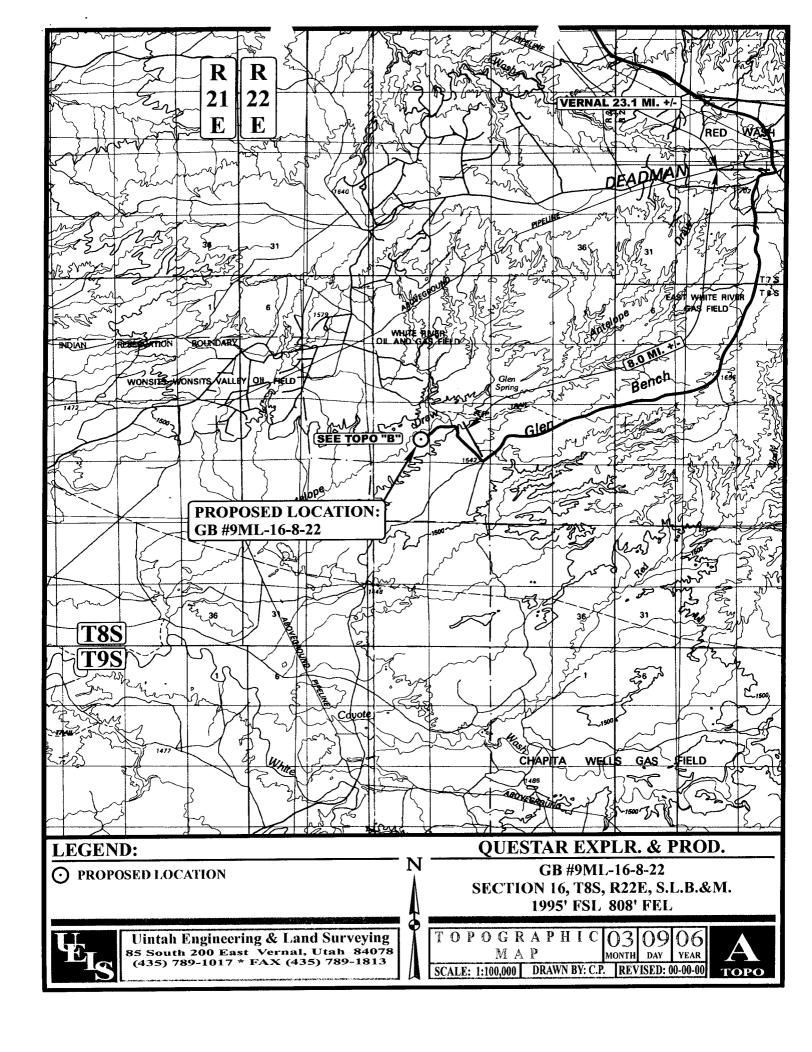


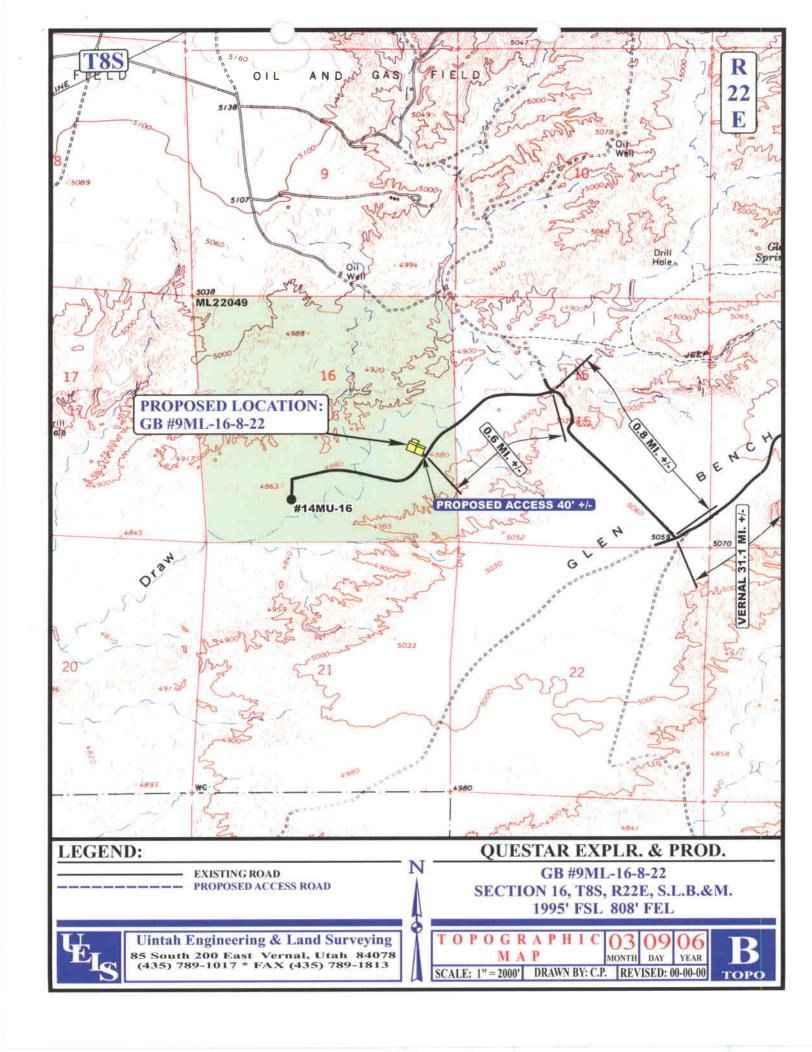


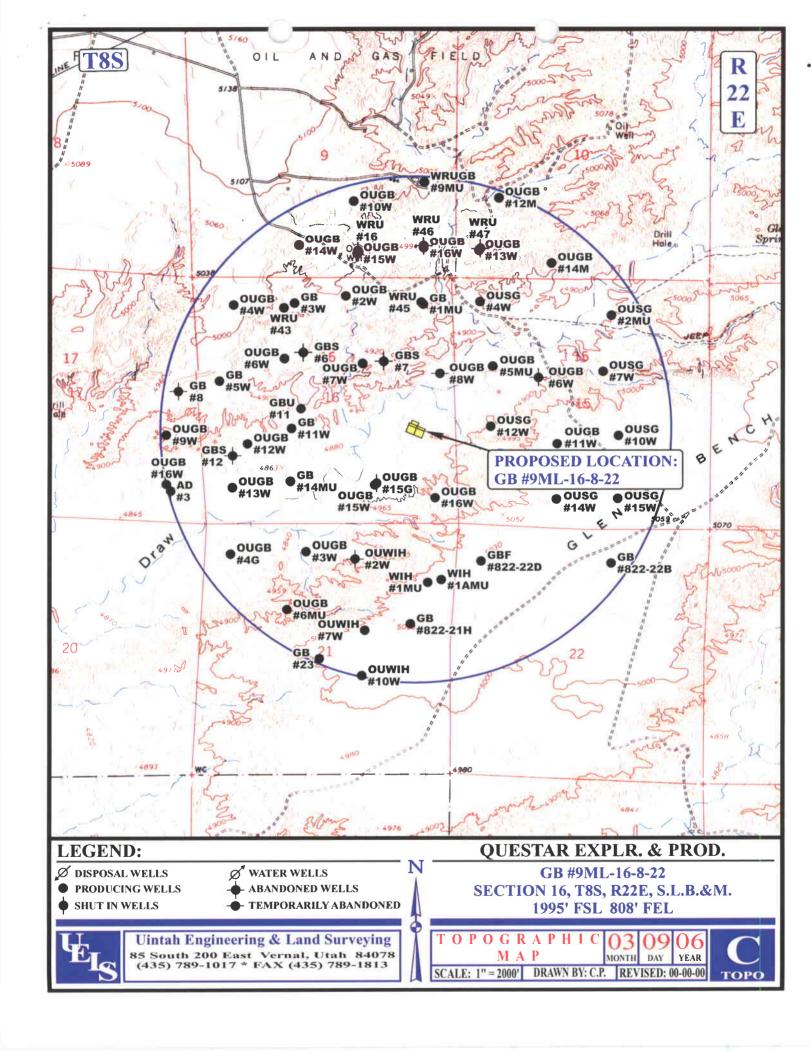


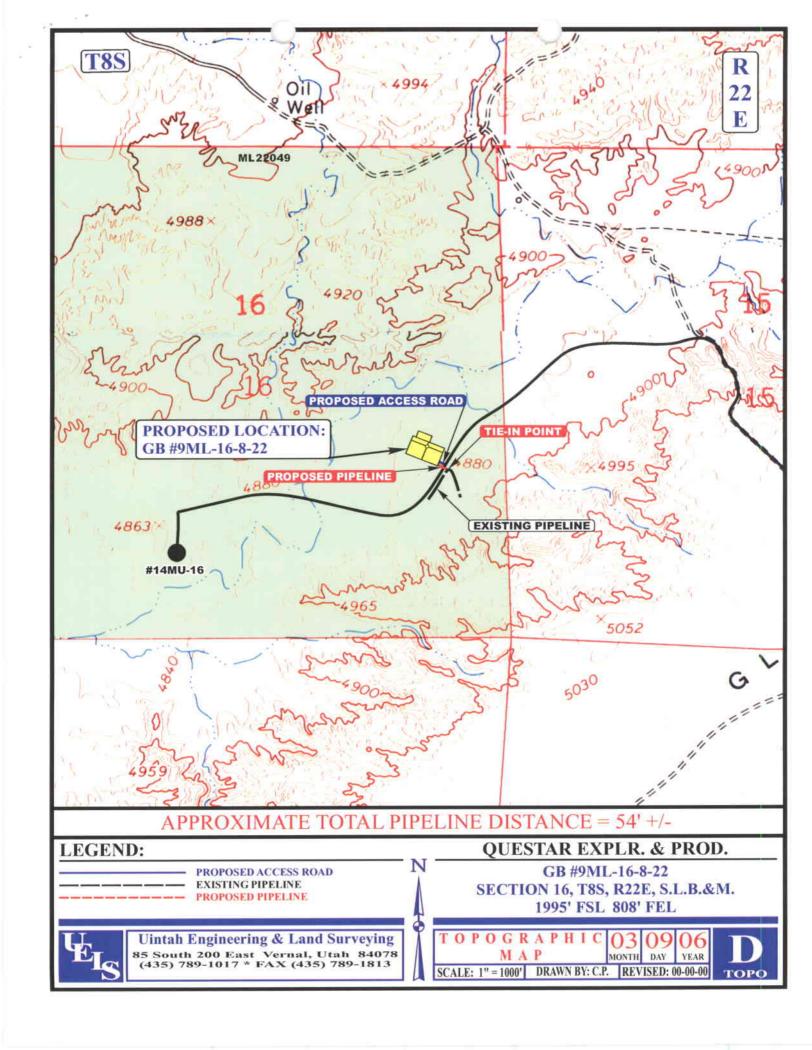






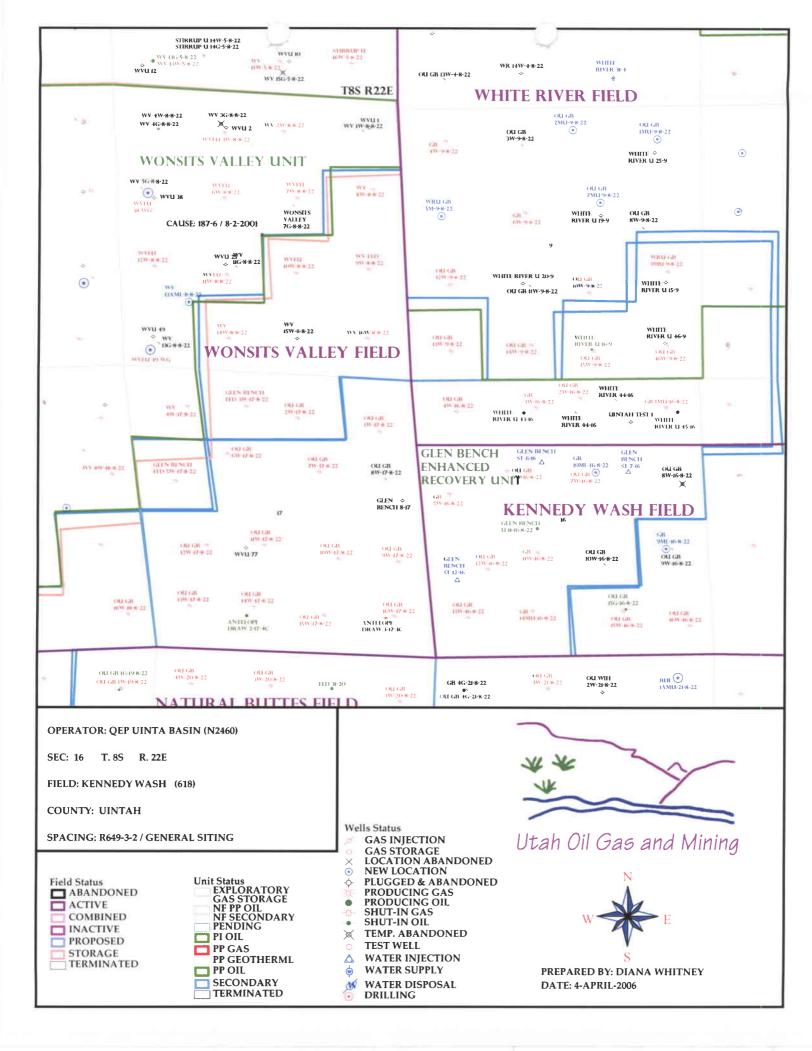






WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/27/2006	API NO. ASSIGNED: 43-047-37944
WELL NAME: GB 9ML-16-8-22 OPERATOR: QEP UINTA BASIN, INC. (N2460) CONTACT: JAN NELSON	PHONE NUMBER: 435-781-4331
PROPOSED LOCATION: NESE 16 080S 220E SURFACE: 1995 FSL 0808 FEL BOTTOM: 1995 FSL 0808 FEL COUNTY: UINTAH LATITUDE: 40.12161 LONGITUDE: -109.4375 UTM SURF EASTINGS: 633141 NORTHINGS: 44422 FIELD NAME: KENNEDY WASH (618 LEASE TYPE: 3 - State LEASE NUMBER: ML-22049 SURFACE OWNER: 3 - State	
RECEIVED AND/OR REVIEWED: Plat Bond: Fed[] Ind[] Sta[] Fee[] (No. 965003033) Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. 49-2153) RDCC Review (Y/N) (Date:) NO Fee Surf Agreement (Y/N) Intent to Commingle (Y/N)	LOCATION AND SITING: R649-2-3. Unit: \sqrt{R649-3-2.} General
	v (04-16-06)



DIVISION OF OIL, GAS AND MINING APPLICATION FOR PERMIT TO DRILL STATEMENT OF BASIS

OPERATOR:	QEP UINTA BAS	SIN, INC.	
WELL NAME & NUMBER	R: <u>GB 9ML-16-8-22</u>		
API NUMBER:	43-047-37944		
LOCATION: 1/4,1/4 <u>NE/S</u>	<u>E</u> Sec: <u>16</u> TWP: <u>8S</u> RNG: <u>2</u> 2	<u>2E 1995'</u> FSL	808' FEL
water is estimated at 4,900 10,000 foot radius of the prolisted as oilfield use. Then location. The surface form discontinuous sands interbecasing cement should be businesser waters uphole. The	re is no depth listed for the value at this location is the I edded with shales and is not rought up above the base of	of Water Rights is owned by Chavell. It is locate Jinta Formation expected to prothe moderately:	e. The base of the moderately saline is records shows 1 water well within a moder & Associates with the purpose dover 1.5 miles from the proposed. The Uinta Formation is made up of educe prolific aquifers. The production saline ground water to isolate it from ld adequately protect usable ground
water in the area. Reviewer:	Brad Hill	Date : 05-0)1-06
Reviewer	Diad IIII		
Surface:			
minerals, and appears to be from DWR were invited, but	a good site for a well in this	drilling window onsite inspection	This site is on State surface, with State v. Ed Bonner of SITLA and Ben Williams on. Both expressed their regrets about not ling at this location.
Reviewer: _	Richard Powell	Date : 4/18/	2006

Conditions of Approval/Application for Permit to Drill:

1. A synthetic liner with a minimum thickness of 12 mils and a subliner shall be properly installed and maintained in the reserve pit.

ON-SITE PREDRILL EVALUATION Division of Oil, Gas and Mining

OPERATOR: QEP UINTA BASIN, INC.

WELL NAME & NUMBER: GB 9ML-16-8-22

API NUMBER: 43-047-37944

LEASE: ML-22049 FIELD/UNIT: KENNEDY WASH LOCATION: 1/4,1/4 NE/SE Sec: 16 TWP: 8S RNG: 22E 1995' FSL 808' FEL

LEGAL WELL SITING: 460 F SEC. LINE; 460 F 1/4,1/4 LINE; 920 F ANOTHER WELL.

GPS COORD (UTM): $1\overline{2}\overline{1}$ 0633141 4442214 SURFACE OWNER: SITLA.

PARTICIPANTS

RICHARD POWELL (DOGM), JAN NELSON (QEP), PAUL BUHLER (BLM), AMY TORRES (BLM), DON ALLRED (UELS)

REGIONAL/LOCAL SETTING & TOPOGRAPHY

This site is quite flat and located in the bottom of Antelope Draw. Antelope Draw is a large draw bordered by steep, bare, red brown clay hills. The draw drains toward the White river to the southwest. Vernal, UT is approximately 33 miles to the northwest.

SURFACE USE PLAN

CURRENT SURFACE USE: Wildlife and sheep grazing.

PROPOSED SURFACE DISTURBANCE: Location as proposed will be 350' by 278'. Proposed new access road 40'.

LOCATION OF EXISTING WELLS WITHIN A 1-MILE RADIUS: See attached map from GIS database.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All production facilities will be on location and added after drilling well. Pipeline will follow access road.

SOURCE OF CONSTRUCTION MATERIAL: All construction material will be borrowed from site during construction of location.

ANCILLARY FACILITIES: None required.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OR CONCERNS? (EXPLAIN): Unlikely.

WASTE MANAGEMENT PLAN:

Drilled cuttings will be settled into reserve pit. Liquids from pit will be allowed to evaporate. Formation water will be confined to storage tanks. Portable toilets, sewage holding tanks, and onsite sewage treatment equipment will be handled by commercial contractors and regulated by the appropriate health authority. Trash will be contained in trash baskets and disposed of at an approved landfill.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: None.

FLORA/FAUNA: The area of location contains sparse, low growing sagebrush, cheat grass, salt brush, greasewood, rabbit brush, and prickly pear. Wildlife found in this area may include: Rodents, Raptors, Coyote, Pronghorn, Bobcat, and Rabbits.

SOIL TYPE AND CHARACTERISTICS: Light brown sandy clay soil. Soil depth appears to be quite deep.

EROSION/SEDIMENTATION/STABILITY: It does not appear that construction will affect erosion or the potential of sediment leaving the site. The access road crosses some small steep drainages, which may require culverts.

PALEONTOLOGICAL POTENTIAL: None observed.

RESERVE PIT

CHARACTERISTICS: 150' by 70' and twelve feet deep. Reserve pit to be placed in cut.

LINER REQUIREMENTS (Site Ranking Form attached): A liner will be required for reserve pit. Site ranking score is 20.

SURFACE RESTORATION/RECLAMATION PLAN

As per SITLA

SURFACE AGREEMENT: As per SITLA

CULTURAL RESOURCES/ARCHAEOLOGY: Archeology study completed by Montgomery, unknown date.

OTHER OBSERVATIONS/COMMENTS

ATTACHMENTS

PHOTOS OF THIS SITE WERE TAKEN AND PLACED ON FILE.

RICHARD POWELL
DOGM REPRESENTATIVE

04/18/2006 11:30 AM DATE/TIME

aluation Ranking Criteria and Ranking .ore For Reserve and Onsite Pit Liner Requirements

FOI NGSELVE and C		
Site-Specific Factors	Ranking	Site Ranking
Distance to Groundwater (feet) >200 100 to 200 75 to 100	0 5 10 15	
25 to 75 <25 or recharge area	20	5
Distance to Surf. Water (feet) >1000 300 to 1000 200 to 300 100 to 200 < 100	0 2 10 15 20	0
Distance to Nearest Municipal Well (feet)	0 5 10 20	0
Distance to Other Wells (feet) >1320 300 to 1320 <300	0 10 20	0
Native Soil Type Low permeability Mod. permeability High permeability	0 10 20	_10
Fluid Type Air/mist Fresh Water TDS >5000 and <10000 TDS >10000 or Oil Base Mud Fluid containing significant levels of hazardous constituents	0 5 10 15	_ 5
Drill Cuttings Normal Rock Salt or detrimental	0 10	0
Annual Precipitation (inches) <10 10 to 20 >20	0 5 10	0
Affected Populations <10 10 to 30 30 to 50 >50	0 6 8 10	0
Presence of Nearby Utility Conduits Not Present Unknown Present	0 10 15	0

Final Score 20 (Level I Sensitivity)

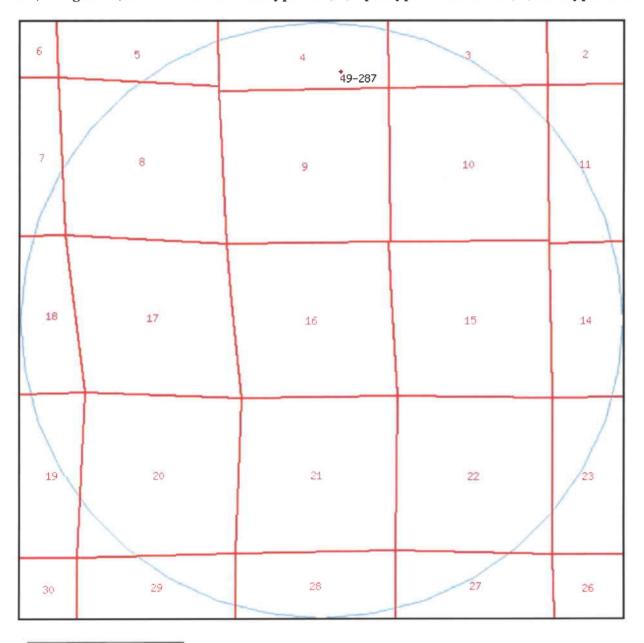
Sensitivity Level II = 20 or more; total containment is required.
Sensitivity Level II = 15-19; lining is discretionary.
Sensitivity Level III = below 15; no specific lining is required.



WRPLAT Program Output Listing

Version: 2004.12.30.00 Rundate: 05/01/2006 01:29 PM

Radius search of 10000 feet from a point N2640 E2640 from the SW corner, section 16, Township 8S, Range 22E, SL b&m Criteria:wrtypes=W,C,E podtypes=U status=U,A,P usetypes=all



^{0 1300 2600 3900 5200} ft

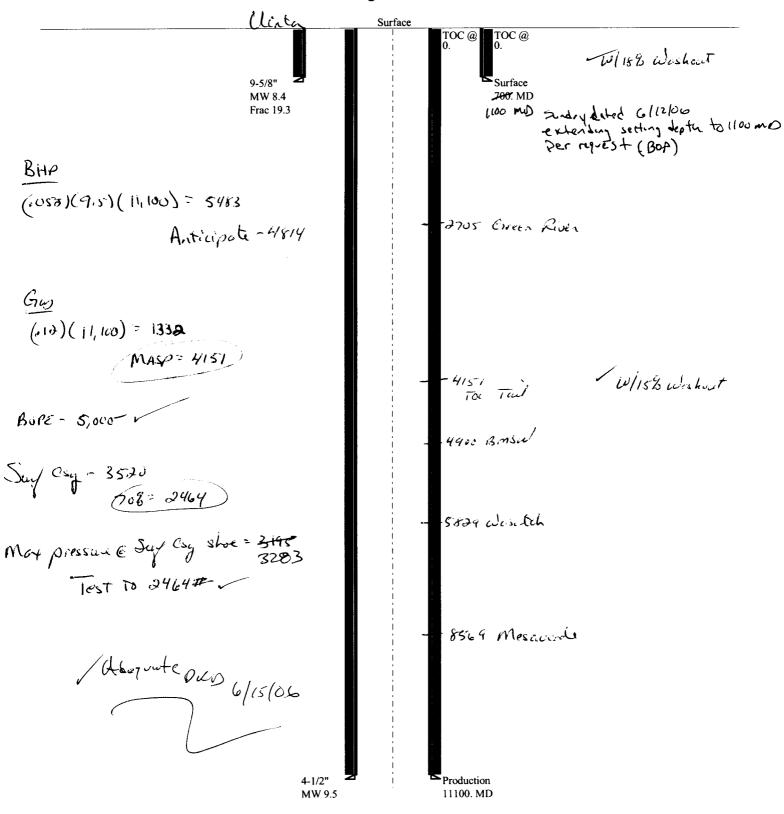
Water Rights

WR Number	Diversion Type/Location	Well Log	Status	Priority	Uses	CFS	ACFT	Owne
49-287	Underground		P	19681007	O	0.123	0.000	CHANDLER & . INC.
	N572 W1575 SE 04 8S 22E SL							C/O PRUITT, GI BACKTELL

Natural Resources | Contact | Disclaimer | Privacy Policy | Accessibility Policy

05-06 QEP GB 9ML-16-8-_2

Casing Schematic



05-06 QEP GB 9ML-16-8-22 Well name:

QEP Uintah Basin Inc. Operator:

Surface String type:

Uintah County Location:

Project ID:

43-047-37944

Design parameters:

Collapse

8.400 ppg Mud weight: Design is based on evacuated pipe.

Minimum design factors: Collapse:

Design factor 1.125

Environment: H2S considered?

No 65 °F Surface temperature: Bottom hole temperature: 75 °F 1.40 °F/100ft Temperature gradient:

Minimum section length: 185 ft

Burst:

Design factor 1.00 Cement top:

0 ft

Burst

Max anticipated surface

pressure: 387 psi Internal gradient: 0.447 psi/ft 700 psi Calculated BHP

No backup mud specified.

Tension:

1.80 (J) 8 Round STC: 8 Round LTC: 1.80 (J) 1.60 (J) **Buttress:** 1.50 (J) Premium:

1.50 (B) Body yield:

Tension is based on air weight. Neutral point: 613 ft Non-directional string.

Re subsequent strings:

11,100 ft Next setting depth: Next mud weight: 9.500 ppg 5,478 psi Next setting BHP: 19.250 ppg Fracture mud wt: 700 ft Fracture depth: Injection pressure 700 psi

Run Seq	Segment Length (ft)	Size (in) 9.625	Nominal Weight (lbs/ft) 36.00	Grade J-55	End Finish ST&C	True Vert Depth (ft) 700	Measured Depth (ft) 700	Drift Diameter (in) 8.796	Internal Capacity (ft³) 49.8
Run Seq 1	Collapse Load (psi) -305 (+)	Collapse Strength (psi) 2020	Collapse Design Factor 6.613 4.241	Burst Load (psi) 200	Burst Strength (psi) 3520	Burst Design Factor 5.03	Tension Load (Kips) 25 39.6	Tension Strength (Kips) 394	Tension Design Factor 1 5.63 J 9.95

Clinton Dworshak Prepared

Utah Div. of Oil & Mining by:

Phone: 801-538-5280

Date: May 1,2006 Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 700 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Burst strength is not adjusted for tension.

Well name:

05-06 QEP GB 9ML-16-8-22

Operator:

QEP Uintah Basin Inc.

String type:

Location:

Production

Uintah County

Project ID:

43-047-37944

Design parameters:

Collapse

Mud weight: 9.500 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Environment:

H2S considered?
Surface temperature:

No 65 °F 220 °F

Bottom hole temperature: Temperature gradient:

1.40 °F/100ft

Minimum section length:

368 ft

Burst:

Design factor

1.00

Cement top:

Surface

Burst

Max anticipated surface

pressure: Internal gradient: 519 psi 0.447 psi/ft

Calculated BHP 5,478 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J) 8 Round LTC: 1.80 (J) Buttress: 1.60 (J)

Premium: 1.50 (J) Body yield: 1.50 (B)

Tension is based on air weight. Neutral point: 9,524 ft Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)	
1	11100	4.5	11.60	P-110	LT&C	11100	11100	3.875	257.3	
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor	
1	5478	7580	1 384	5478	10690	1.95	129	279	2.17 J	

Prepared

Clinton Dworshak

by: Utah Div. of Oil & Mining

Phone: 801-538-5280

Date: May 1,2006 Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 11100 ft, a mud weight of 9.5 ppg The casing is considered to be evacuated for collapse purposes. Burst strength is not adjusted for tension.



Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R BAZA
Division Director

JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

June 15, 2006

QEP Uinta Basin, Inc. 11002 E 17500 S Vernal, UT 84078

Re: GB 9ML-16-8-22 Well, 1995' FSL, 808' FEL, NE SE, Sec. 16, T. 8 South,

R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37944.

Sincerely,

Gil Hunt

Associate Director

Stil THE

pab Enclosures

cc:

Uintah County Assessor

SITLA

Operator:	QEP Uinta Basin, Inc.	
Well Name & Number	GB 9ML-16-8-22	
API Number:	43-047-37944	
Lease:	ML-22049	

Location: NE SE Sec. 16 T. 8 South R. 22 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.
- 6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL GAS AND MINING

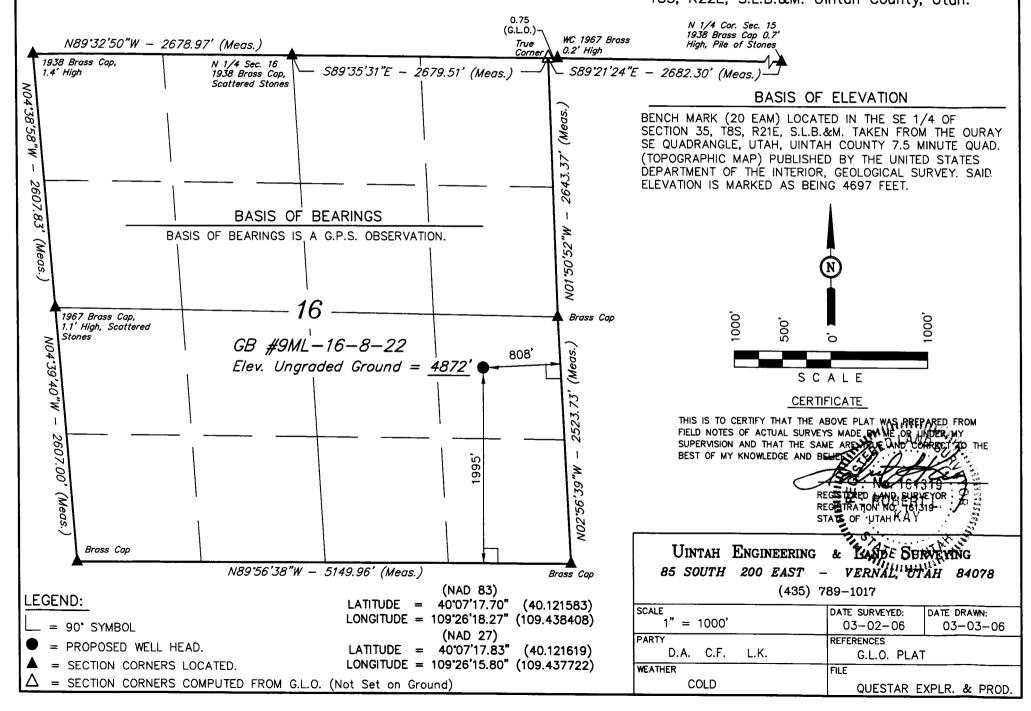
FORM 3

			VISION OF O			ININO			5. MINERA	AL LEASE NO): 6. SL	JRFACE:	
		APPLICA	TION FOR PER	MIT	TO DRILL				l	L-22049		STATE	
1A. TYPE OF WORK: DRILLY REENTER DEEPEN								7. IF INDIAN, ALLOTTEE OR TRIBE NAME					
										N/			
B. TYPE OF WELL	L 🗌 OIL	☑ GAS OTI	HER	SING	LE ZONE 🔲 MULTIF	LE ZONE			8. UNIT O	r CA AGREE	MENT NA	ME:	
										N/			
2. NAME OF OPE	RATOR:								9. WELL N	IAME and NU			
		QEP UI	NTA BASIN, INC.		I				40 5151.5	GB 9ML			
3. ADDRESS OF			E UT ZIP 84	078	PHONE NUMBER:	224			10. FIELD	AND POOL,			
	500 S. CITY					KENNEDY WASH 11. QTR/QTR, SECTION, TOWNSHIP, RANGE,							
4. LOCATION OF	40.121605				MERIDIAN:								
AT SURFACE:			444 2214	(-109.	43753	60		NESE	16	88	22E	
AT PROPOSED P	14 DISTAN	ICE IN MILES AN	D DIRECTION FROM N						12.	COUNTY:	**************************************	13. STATE:	
	14. 010174		\- MILES FROM VE						ι	HATNIL		UTAH	
				- 40	**************************************	IN LEASE.		17	NUMBER	OF ACRES A	SSIGNED	TO THIS WELL:	
15. DISTANC			EASE LINE(FEET)	16.	NUMBER OF ACRES 640	IN LEASE:		17.	17. NUMBER OF ACRES ASSIGNED TO THIS WELL:				
	8	08' + / -			640								
18. DISTANC	E TO NEAREST	WELL (DRILLING	, COMPLETED, OR	19.	PROPOSED DEPTH			20. E	D. BOND DESCRIPTION:				
		ON THIS LEASE (FEET)		11100'				965003033				
24 ELEVATIONS		200' +/-	TC)·	22	. APPROXIMATE DATE	WORK WI	LL START:	23.	. ESTIMAT	ED DURATIO	N:		
21. ELEVATIONS (SHOW WHETHER DF, RT, GR,ETC.): 2 4869.4' GR					ASAP			10 DAYS					
24			PROPOS	ÉD C	ASING AND CEM	ENTING	PROGRAM						
SIZE OF HOLE CASING SIZE, GRADE, AND WEIGHT PER FOOT SETTING DEPTH CEMENT TO							TYPE, QUANT		YIELD, AN	D SLURRY V	VEIGHT		
12 1/4"	9 5/8" J-55 36 lb/ft (new) ST							ING					
7 7/8"	4 1/2"	P-110	11.6 lb (new) L	TC	C 11100'					······			
						 							
					-								
													
<u></u>		<u> </u>			ATTACHMEN	гs			-				
VERIFY THE FOL	LOWING ARE A	TTACHED IN ACC	ORDANCE WITH THE	UTAH	OIL AND GAS CONSE	RATION GE	ENERAL RULE	S:					
					_								
✓ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER ✓ COMPLETE DRILLING PLAN FOR DIVISION OF WATER PIGHTS APPROVAL FOR USE OF WATER FORM 5. IF OPERATOR IS PERSON													
☑ EVIDNECE OF	DIVISION OF W	ATER RIGHTS APP	PROVAL FOR USE OF WA	ATER	☐ FORM	15, IF OPER	ATOR IS PERS	SON C	or Compan	NY OTHER TH	AN THE LE	ASE OV	
		lon	Nolcon			TITLE	Regulato	nrv A	Affairs				
NAME (PLEASE PRINT) Jan Nelson						*****	regulate	<i>,</i> ,	····				
SIGNATURE	_ YY	m 1	USM			DATE	3/23/06		·				
(This space for S	State (se only)												
•	//	1 3 01	in and del										
API NUMBER	ASSIGNED:		17-37944		AP	PROVAL	:				-		
	•		,										
(44/2004)		<u>.</u>	red by the Division of (S	7									
(11/2001)	¥* *	Ybbio	red by und	see li	nstruction on Reve	rse Side)							
		Utah [and Mining			,							

MAR 2 7 2006

QUESTAR EXPLR. & PROD.

T8S, R22E, S.L.B.&M. Well location, GB #9ML-16-8-22, located as shown in the NE 1/4 SE 1/4 of Section 16, T8S, R22E, S.L.B.&M. Uintah County, Utah.



From: Ed Bonner
To: Whitney, Diana
Date: 5/8/2006 3:48:33 PM
Subject: Well Clearance

ConocoPhillips Company

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

```
Utah 17-1174
  Utah 17-1175
  Utah 13-1169
  Utah 19-1181
  Utah 20-1183
  Utah 24-1189
  Utah 30-1062
  Utah 30-1088
  Utah 30-1090
Lone Mountain Production Company
  Hancock State 2-5
Pendragon Energy Partners, Inc.
  State 9-16-10-18
QEP Uinta Basin, Inc.
  GB 9ML-16-8-22
  GB 10ML-16-8-22
  RW 12-32BG
Westport Oil & Gas Company
  NBU 921-34J
  NBU 922-31N
  NBU 1021-4B
  NBU 1021-4G
  NBU 1021-4H
  NBU 922-310
                  (1 significant site which must be avoided per arc consultant survey in relocating well
  NBU 921-32N
pad)
  NBU 921-320
XTO Energy, Inc.
  State of Utah 17-8-28-12
  State of Utah 17-8-21-33
  State of Utah 17-8-22-14
  State of Utah 17-8-18-24
  State of Utah 17-8-5-42R
```

If you have any questions regarding this matter please give me a call.

CC: Davis, Jim; Garrison, LaVonne; Hill, Brad; Hunt, Gil

STATE OF UTAH	FORM 9										
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22049										
SUNDRY NOTICES AND REPORTS ON	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A										
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottor drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for sur	7. UNIT OF CA AGREEMENT NAME: N/A										
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER:										
2. NAME OF OPERATOR:	GB 9ML-16-8-22 9. API NUMBER:										
QEP UINTA BASIN, INC	o. Al Hombert										
3. ADDRESS OF OPERATOR: 11002 E. 17500 S. CITY VERNAL STATE UT 71P 84078	10. FIELD AND POOL, OR WILDCAT: KENNEDY WASH										
4. LOCATION OF WELL FOOTAGES AT SUBFACE: 1995' FSI 808' FFI COUNTY: UINTAH											
FOOTAGES AT SURFACE: 1995' FSL 808' FEL	COUNTY: UINTAH										
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 16 8S 22E	STATE: UTAH										
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA											
TYPE OF SUBMISSION	TYPE OF ACTION										
✓ NOTICE OF INTENT	DEEPEN	REPERFORATE CURRENT FORMATION									
(Submit in Duplicate)	RACTURE TREAT	SIDETRACK TO REPAIR WELL									
Approximate date work will start: CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON									
CHANGE TO PREVIOUS PLANS	DPERATOR CHANGE	TUBING REPAIR									
CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE									
(Submit Original Form Only)	PLUG BACK	WATER DISPOSAL									
Date of work completion:	PRODUCTION (START/RESUME)	WATER SHUT-OFF									
	RECLAMATION OF WELL SITE	OTHER:									
CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION										
DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent QEP Uinta Basin, Inc. requests to change the surface setting department of the surface setting department											
NAME (PLEASE PRINT) Jan Nelson	Regulatory Affairs	s									
* XT \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	6/12/2006										

RECEIVED

JUN : 5 2006

ONSHORE OIL & GAS ORDER NO. 1 Approval of Operations on Onshore Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

Formation	Depth	Prod. Phase Anticipated
Uinta	Surface	
Green River	2705'	
Wasatch	5829'	
Mesa Verde	8569'	
Sego	10944'	Gas
TD	11100'	

2. Anticipated Depths of Oil Gas Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas. Or other mineral bearing formations are expected to be encountered are as follows:

Substance	Formation	<u>Depth</u>
Gas	Wasatch/ Mesa Verde	11100'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If no flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right #36125 or Red Wash water right #49-2153 to supply fresh water for drilling purposes.

All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal Site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

- 3. Operator's Specification for Pressure Control Equipment:
 - A. 5,000 psi W.P. Double Gate BOP or Single Gate BOP (schematic attached)
 - B. Functional test daily
 - C. All casing strings shall be pressure tested (0.2 psi/foot or 1500 psi, (or 70% of burst whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
 - D. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 5M system and individual components shall be operable as designed.

4. <u>Casing Program</u>

	<u>Depth</u>	Hole Size	Csg Size	<u>Type</u>	Weight
Surface	1100'	12 1/4"	9-5/8"	J-55	36 lb/ft (new) LT&C
TD	11100'	7 –7/8"	4 -1/2"	P-110	11.60 lb/ft (new)LT&C

5. <u>Auxiliary Equipment</u>

- A. Kelly Cock yes
- B. Float at the bit no
- C. Monitoring equipment on the mud system visually and/or PVT/Flow Show
- D. Full opening safety valve on the rig floor yes
- E. Rotating Head yes

 If drilling with air the following will be used:
- F. The blooie line shall be at least 6" in diameter and extend at least 100' from the well bore into the reserve/blooie pit.
- G. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500').

- H. Compressor shall be tied directly to the blooie line through a manifold.
- I. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.

Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 9.5 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

- 6. Testing, logging and coring program
 - A. Cores none anticipated
 - B. DST none anticipated

Logging – Mud logging – 4500 to TD GR-SP-Induction Neutron Density MRI

C. Formation and Completion Interval: Wasatch / Mesa Verde interval, final determination 0f completion will be made by analysis of logs.
 Stimulation – Stimulation will be designed for the particular area of interest as encountered.

ONSHORE OIL & GAS ORDER NO. 1 QEP Uinta Basin, Inc. GB 9ML-16-8-22

DRILLING PROGRAM

7. <u>Cementing Program</u>

Casing	<u>Volume</u>	Type & Additives
Surface	628sx	Class "G" single slurry mixed to 15.6 ppg, yield = 1.19 cf/sx. Cement to surface with 160 cf (628sx) calculated. Tail plug used. Allowed to set under pressure

Production Lead-702sx* Tail-1747sx*

Lead/Tail oilfield type cement circulated in place.

Tail slurry: Class "G" + gilsonite and additives as required, mixed to 14.8 ppg, yield = 1.34 cf/sx. Tail

to 5300' (±500' above production zone).

Cement Characteristics:

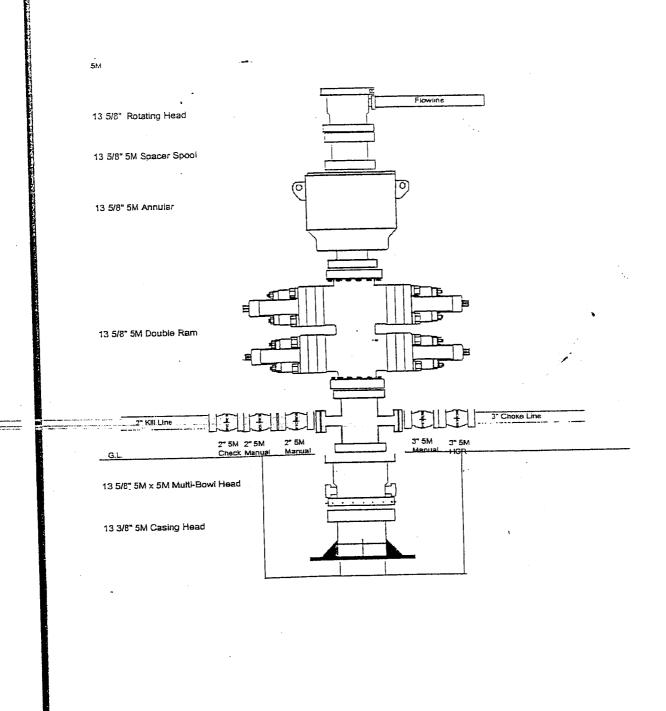
Lead slurry: Class "G" + extender and additives as required, mixed to 11.0 ppg, yield = 3.82 cf/sx. Lead to surface. Tail plug used. Allowed to set under pressure.

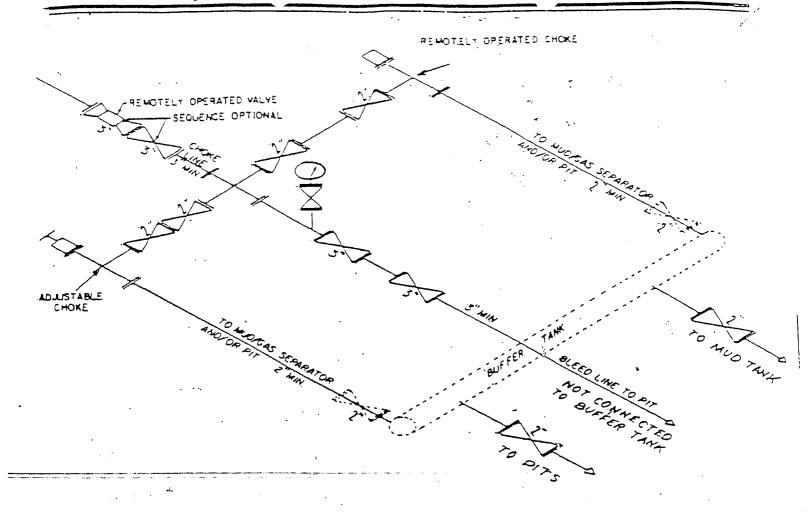
8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. No H2S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 4814.0 psi. Maximum anticipated bottom hole temperature is 140° F.

^{*}Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

EXHIBIT B SCHEMATIC DIAGRAM OF 5,000 PSI BOP STACK





5M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

[FR Doc. 88-26738 Filed 11-17-86; 2:45 am] BELLING CODE 4310-84-C

DIV. OF OIL, GAS & MINING



STATE OF UTAH

	DEPARTMENT OF NATURAL RESOURCES	
	DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22049
SUNDRY	NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
Do not use this form for proposals to drill n drill horizontal la	new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged aterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	wells, or to 7. UNIT or CA AGREEMENT NAME: N/A
1. TYPE OF WELL OIL WELL	GAS WELL OTHER	8. WELL NAME and NUMBER: GB 9ML-16-8-22
2. NAME OF OPERATOR: QEP UINTA BASIN, INC		9. API NUMBER: 4304737944
3. ADDRESS OF OPERATOR: 11002 E. 17500 S.	VERNAL STATE UT ZIP 84078 PHONE NUMBER (435) 781-	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1995'		county: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RAN	IGE, MERIDIAN: NESE 16 8S 22E	STATE:
		UTAH
11. CHECK APP	ROPRIATE BOXES TO INDICATE NATURE OF NOTICE	E, REPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTI	ON
✓ NOTICE OF INTENT	ACIDIZE DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	✓ ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
	CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT		WATER DISPOSAL
(Submit Original Form Only)		
Date of work completion:	CHANGE WELL STATUS PRODUCTION (START/RESUI	ME) WATER SHUT-OFF
	COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SIT	E OTHER:
	CONVERT WELL TYPE RECOMPLETE - DIFFERENT	FORMATION
	OMPLETED OPERATIONS. Clearly show all pertinent details including dates, deposes to add 7" intermediate casing to 6,000', to cover u	
	ving the new setting depth and cement program.	p potential 1000 officialities 201100. Attached
QEP plans to spud this we	ell on or around November 15, 2006.	
		COPY SENT TO OPERATOR
		Date: 10-24-06
		Initiols:
NAME (PLEASE PRINT) Jan Nelso	n _{TITLE} Regulate	ory Affairs
XM	10/12/20	006
SIGNATURE	J SAIL	
(This space for State use only)	APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING	RECEIVED
•	OF UTAH LIVE TINING	OCT 1 c 200c
	CIL, GAS, AND WITH	OCT 1 6 2006

ONSHORE OIL & GAS ORDER NO. 1 QEP Uinta Basin, Inc. GB 9ML-16-8-22

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1 Approval of Operations on Onshore Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

Formation Programme 1	Depth, TVD
Uinta	Surface
Green River	2,706'
Mahogany	3,346'
Wasatch	5,836'
Mesaverde	8,556'
Sego	10,846'
TD	11,050'

2. Anticipated Depths of Oil, Gas, Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas, or other mineral bearing formations are expected to be encountered are as follows:

Substance	<u>Formation</u>	Depth, TVD		
Gas	Wasatch	5,836'		
Gas	Mesaverde	8,556'		

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right # A36125 (which was filed on May 7, 1964,) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

6. Testing, logging and coring program

- A. Cores none anticipated
- B. DST none anticipated
- C. Logging Mud Logging 1500' to TD GR-SP-Induction, Neutron Density
- D. Formation and Completion Interval: Green River/Wasatch/MesaVerde interval, final determination of completion will be made by analysis of logs.
 Stimulation: Stimulation will be designed for the particular area of interest as encountered.

7. Cementing Program

14" Conductor:

Cement to surface with construction cement.

9-5/8" Surface Casing: sfc - 450' (MD)

Lead/Tail Slurry: 0' – 450'. 240 sks (280 cu ft) Premium AG cement + 2% CaCl₂ + 0.25 lb/sk celloflake. Slurry wt: 15.8 ppg, Slurry yield: 1.17 ft³/sk, Slurry volume: 12-1/4" hole + 100% excess.

7" Intermediate Casing: sfc - 6,000' (MD)

Lead Slurry: 0' - 5,500'. 315 sks (1215 cu ft) Halliburton Hi-Fill cement. Slurry wt: 11.0 ppg, Slurry yield: 3.86 ft³/sk, Slurry volume: 8-3/4" hole + 50% excess in open hole section.

Tail Slurry: $5,500^{\circ} - 6,000^{\circ}$. 90 sks (110 cu ft) of 50/50 Poz Premium AG + 2.0% Bentonite + 0.6% Halad (R)-322 fluid loss + 2.0% Microbond M expander + 5% salt + 0.25 lb/sk Flocele. Slurry wt: 14.35 ppg, Slurry yield: 1.24 ft³/sk, Slurry volume: 8-3/4" hole + 50% excess.

All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal Site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

3. Operator's Specification for Pressure Control Equipment:

- A. 5,000 psi W.P. Double Gate BOP, 5,000 psi annular (schematic attached)
- B. Functional test daily
- C. All casing strings shall be pressure tested (0.22 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
- D. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 5M system and individual components shall be operable as designed.

4. Casing Program

Hole Size	Casing Size	Top (MD)	Bottom (MD)	Weight	Grade	Thread	Cond.
20"	14"	surface	40'	Steel	Cond.	None	Used
12-1/4"	9-5/8"	surface	450'	36.0	J-55	STC	New
8-3/4"	7"	surface	6,000'	26.0	J-55	LTC	New
6-1/8"	4-1/2"	surface	11,050'	11.6	P-110	LTC	New

Casing S	trengths:			Collapse	Burst	Tensile (minimum)
9-5/8"	36.0 lb.	J-55	STC	2,020 psi	3,520 psi	394,000 lb.
7"	26.0 lb.	J-55	LTC	4,320 psi	4,980 psi	367,000 lb.
4-1/2"	11.6 lb.	P-110	LTC	7,580 psi	10,690 psi	279,000 lb.

5. Auxiliary Equipment

- A. Kelly Cock yes
- B. Float at the bit no
- C. Monitoring equipment on the mud system visually and/or PVT/Flow Show
- D. Full opening safety valve on the rig floor yes
- E. Rotating Head yes
- F. If drilling with air the following will be used:
- G. The blooie line shall be at least 6" in diameter and extend at least 100' from the well bore into the reserve/blooie pit.
- H. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500').
- I. Compressor shall be tied directly to the blooie line through a manifold.
- J. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.

Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 11.5 ppg.

No minimum quantity of weight material will be required to be kept on location.

ONSHORE OIL & GAS ORDER NO. 1 QEP Uinta Basin, Inc. GB 9ML-16-8-22

DRILLING PROGRAM

4-1/2" Production Casing: sfc – 11,050' (MD)

Lead Slurry: 0' - 5,500'. 150 sks (575 cu ft) Halliburton Hi-Fill cement + 16% Bentonite + 0.75% Econolite + 3% salt + 0.8% HR-7 retarder. Slurry wt: 11.0 ppg, Slurry yield: 3.84 ft³/sk, Slurry volume: 4-1/2" casing inside 7" casing.

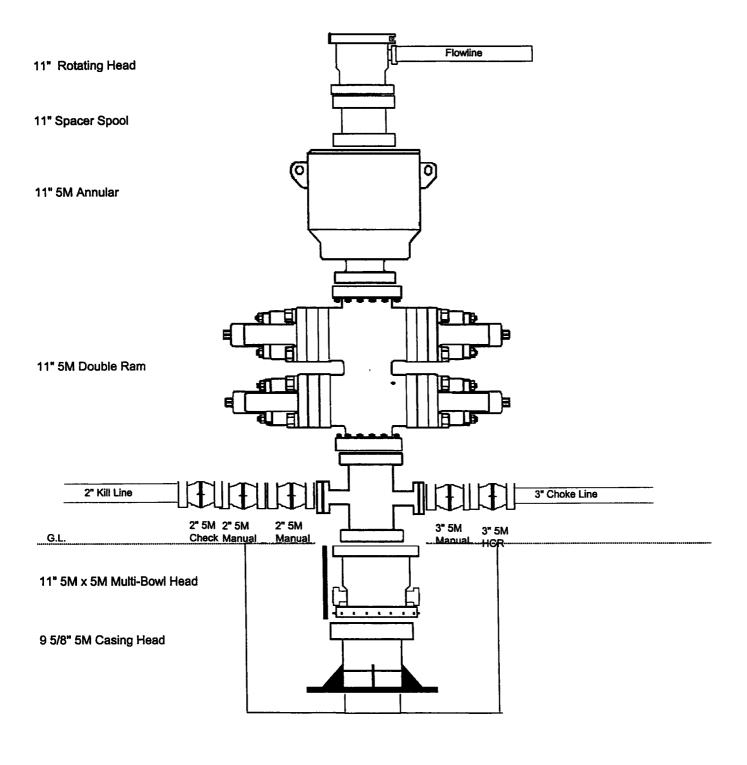
Tail Slurry: 5,500' - 11,050'. 775 sks (960 cu ft) of 50/50 Poz Premium AG + 2.0% Bentonite + 0.6% Halad (R)-322 fluid loss + 2.0% Microbond M expander + 5% salt + 0.2% HR-5 retarder + 0.25 lb/sk Flocele. Slurry wt: 14.35 ppg, Slurry yield: 1.24 ft³/sk, Slurry volume: 6-1/8" hole + 20% excess in open hole section.

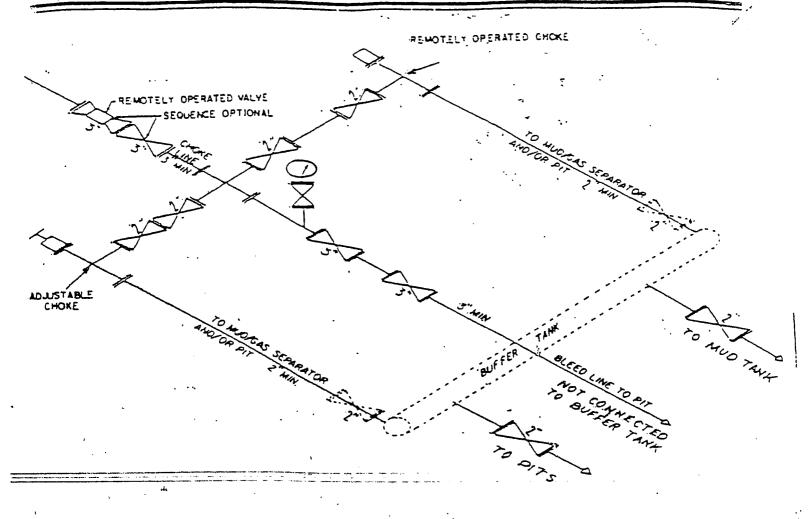
*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. No H₂S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 7190 psi. Maximum anticipated bottom hole temperature is 230° F.

5M BOP STACK



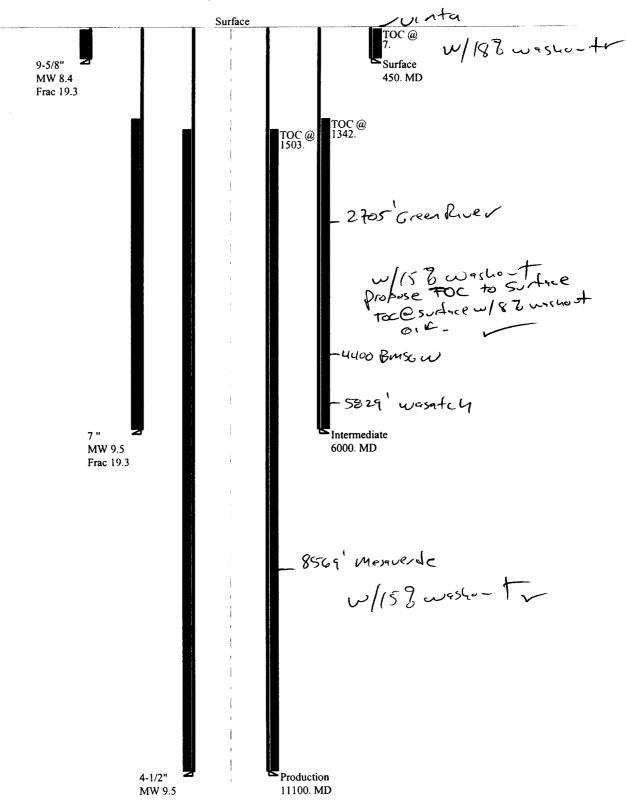


5M CHOKE MANIFOLD EQUIPMENT — CONFIGURATION OF CHOKES MAY VARY

[FR Doc. 88-25738 Filed 11-17-88; 2:45 am]

05-06 QEP GB 9ML-16-8-22

Casing Schematic



Well name:

05-06 QEP GB 9ML-16-8-22

Operator:

QEP Uintah Basin Inc.

String type:

Surface

Project ID: 43-047-37944

Location:

Uintah County

Environment:

Design parameters:

Collapse

Mud weight: Design is based on evacuated pipe.

8.400 ppg

Collapse: Design factor

Minimum design factors:

1.125

H2S considered?

No Surface temperature: 65 °F Bottom hole temperature:

Temperature gradient: Minimum section length:

71 °F 1.40 °F/100ft 185 ft

Burst:

Design factor

1.00

Cement top:

7 ft

Burst

Max anticipated surface

No backup mud specified.

pressure: Internal gradient:

Calculated BHP

396 psi

0.120 psi/ft 450 psi

Tension:

8 Round STC: 8 Round LTC: **Buttress:**

1.80 (J) 1.80 (J) 1.60 (J) Premium: 1.50 (J)

1.50 (B) Body yield:

Tension is based on air weight. 394 ft Neutral point:

Non-directional string.

Re subsequent strings:

Next setting depth: Next mud weight: Next setting BHP:

6,000 ft 9.500 ppg 2,961 psi 19.250 ppg

Fracture mud wt: Fracture depth: Injection pressure:

450 ft 450 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	4 5 0	9.625	36.00	J-55	ST&C	450	450	8.796	195.3
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	196	2020	10.287 V	450	3520	7.82 🍃	16	394	24.32 J

Prepared

Clinton Dworshak

Div of Oil, Gas & Minerals

Phone: 801-538-5280

Date: October 23,2006 Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension. Collapse is based on a vertical depth of 450 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Burst strength is not adjusted for tension.

05-06 QEP GB 9ML-16-8-22 Well name:

QEP Uintah Basin Inc. Operator:

Intermediate String type:

Project ID: 43-047-37944

Uintah County Location:

> Minimum design factors: **Environment:**

Design parameters: Collapse: Collapse Design factor 1.125 9.500 ppg Mud weight:

H2S considered? No 65 °F Surface temperature: 149 °F Bottom hole temperature: 1.40 °F/100ft

Design is based on evacuated pipe. Temperature gradient: Minimum section length: 1,500 ft

Burst:

1,342 ft Design factor Cement top: 1.00

Burst

Max anticipated surface

2,361 psi pressure: 0.220 psi/ft Internal gradient:

Calculated BHP 3,681 psi

No backup mud specified.

Tension:

Body yield:

1.80 (J) 8 Round STC: 1.80 (J) 8 Round LTC: **Buttress:** 1.60 (J) 1.50 (J) Premium: 1.50 (B)

Tension is based on air weight. Neutral point: 5,140 ft Non-directional string.

Re subsequent strings:

Next setting depth: 11,100 ft Next mud weight: 8.330 ppg 4,803 psi Next setting BHP: Fracture mud wt: 19.250 ppg

Fracture depth: Injection pressure:

6,000 ft 6,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	6000	` 7	26.00	J-55	LT&C	6000	6000	6.151	1289
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load / (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2961	4320	1.459	3681	4980	1.35 🗸	156	367	2.35 J

Prepared

Clinton Dworshak

Div of Oil, Gas & Minerals by:

Phone: 801-538-5280

Date: October 23,2006 Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension. Collapse is based on a vertical depth of 6000 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Burst strength is not adjusted for tension.

Well name:

05-06 QEP GB 9ML-16-8-22

Operator:

QEP Uintah Basin Inc.

String type:

Production

Location:

Uintah County

Project ID:

43-047-37944

Design parameters:

Collapse

Mud weight:

9.500 ppg Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor

Environment:

H2S considered? Surface temperature:

No 65 °F 220 °F

Bottom hole temperature: Temperature gradient: Minimum section length:

1.40 °F/100ft 368 ft

Burst:

Design factor

1.00

1.125

Cement top:

1,503 ft

Burst

Max anticipated surface

pressure: Internal gradient: Calculated BHP

519 psi 0.447 psi/ft

5,478 psi

No backup mud specified.

Tension:

8 Round STC: 8 Round LTC: **Buttress:**

1.60 (J) Premium: 1.50 (J)

Body yield:

1.50 (B)

1.80 (J)

1.80 (J)

Tension is based on air weight. Neutral point: 9,524 ft Non-directional string.

Run Seq	Segment Length (ft) 11100	Size (in) 4.5	Nominal Weight (lbs/ft) 11.60	Grade P-110	End Finish LT&C	True Vert Depth (ft) 11100	Measured Depth (ft) 11100	Drift Diameter (in) 3.875	Internal Capacity (ft³) 968.7
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor 2.17 J

Prepared

Clinton Dworshak

by: Div of Oil, Gas & Minerals

Phone: 801-538-5280

Date: October 23,2006 Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension. Collapse is based on a vertical depth of 11100 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Burst strength is not adjusted for tension.

Form 3160-5 -(June 1990) ¬

Approved by:

Conditions of approval, if any

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

ED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

Date

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir Use "APPLICATION FOR PERMIT—" for such proposals SUBMIT IN TRIPLICATE 1. Vibil or CA, Agenment Indignation N/A 2. West Commerce of the Markette or Tale Mains N/A 2. West Commerce of the Mains N/A 2. West Name and Temposals N/A 2. West Name and Temposals N/A 2. Locates and Temposals 1. Modern and Temposals 1. Modern and Temposals 1. Modern and Temposals 1. Modern and Temposals 1. Sold with Ford or Engineery Are RENNEDRY WASH 1. Sold with Ford or Engineery Are RENNEDRY WASH 1. Contract: Dahn.Caldwell@questar.com 1. Modern and Temposals 1. Sold with Ford or Engineery Are RENNEDRY WASH 1. Contract: Dahn.Caldwell@questar.com 1. Modern of Well Groupe, Sec. T. E. M. or Storey Description 1. Sold with Ford or Engineery Are RENNEDRY WASH 1. Contract: Dahn.Caldwell@questar.com 1. Sold with Ford or Engineery Are RENNEDRY WASH 1. Contract: Dahn.Caldwell@questar.com 1. Contract:		OTICES AND REPORTS ON WELLS	ML-22049
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Oil Grad Well X Well Other CONFIDENTIAL ASSIN, INC. 2. Name of Openior Open, UINTA BASIN, INC. 3. Address and Telephone No. 11002 E. 17500 S. VERNAL, UT 84078-8526 435-781-4342 Fax 435-781-4357 11002 E. 17500 S. VERNAL, UT 84078-8526 435-781-4342 Fax 435-781-4357 11002 E. 17500 S. VERNAL, UT 84078-8526 435-781-4342 Fax 435-781-4357 11. Courty or Frain, Suize UINTAH COUNTY, UTAH 11. Courty or Frain, Suize UINTAH COUNTY, UTAH 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Inner! Abandonment Abandonment Recompletion New Construction New Construction New Construction New Construction New Construction New Construction On 10 Address Payloned or Completed Openione (Clearly sate all performs cental), and give periment date, including estimated date of starting my proposed work. If well is directionally defiled, give substrated conductor and cement of meeting in conglishes on whell completes to Recomplishes on whell completes to Recomplishes on the North Construction of the sate of a sate of the work) On 11/24/06 - Drilled 40' of 20" conductor hole. Set 40' of 14" conductor and cement w/ Ready Mix. On 11/25/06 - Drilled 12-1/4" hole to 510'. Set 11 jts of 9-5/8" 36# J-55 csg @ 488'GL. Cement surface csg w/ 225 sxs Premium Cmt. 11. Beetly worth that the freeping a Physical service. 12. Heavy worth that the freeping a Physical service. 13. Heavy worth that the freeping a Physical service. 14. Heavy worth that the freeping a Physical service. 15. Heavy worth that the freeping a Physical service. 16. Address and Tables and		MIT IN TRIPLICATE	. If Ollit Of CA, Agreement Designation
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Nemote Operator OEP, UINTA BASIN, INC. PAT Well No. Address and Temphones No. Topology New York Address No. Topology New York Topology No. T			
2 Name of Operator QEP, UINTA BASIN, INC. 1. Address and Telephone No. 1. 1002 E. 17540 S. VERNAL, UT 84078-8526 4. Location of Well George, Sec. T. R. M. or Survey Description) 1. 1995' FSL, 808' FEL, NESE, SEC 16-T8S-R22E 1. Control of Well George, Sec. T. R. M. or Survey Description) 1. Control of Well George, Sec. T. R. M. or Survey Description) 1. Control of Well George, Sec. T. R. M. or Survey Description 1. Control of Well George, Sec. T. R. M. or Survey Description 1. Control of Well George, Sec. T. R. M. or Survey Description 1. Control of Well George, Sec. T. R. M. or Survey Description 1. Control of Well George, Sec. T. R. M. or Survey Description 1. Control of Well George, Sec. T. R. M. or Survey Description 1. Control of Well George, Sec. T. R. M. or Survey Description 1. Control of Well Control 1. Control of Well Report 1. Control of Well Control 1. Control of Well Control 1. Contro	Weil X Weil Ollier	OUNTIDLICATION	GR 9ML 16 8 22
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Address and Temphone No. 11002 E. 17506 S. VERNAL, UT 84078-8526 435-781-4342 Fax 435-781-4357 Location of Welf (Foruga, Sec. T. R. M. of Survey Description) 1995' FSL, 808' FEL, NESE, SEC 16-T8S-R22E 11. County or Perish, State UINTAH COUNTY, UTAH 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Abandonment Recompletion Recompletion New Continued on Recompletion NoRoutine Fracturing Conversion to Injection and measured and new vertical depths for all markers and some perficient to this work) On 11/24/06 - Drilled 12-1/4" hole to 510'. Set 11 jts of 9-5/8" 36# J-55 csg @ 488'GL. Cement surface csg w/ 225 sxs Premium Cmt. Decription of Welf (Source in the foruging is the beautery). DECR 18 2006 DEC 18 2006	QEP, UINTA BASIN, INC.		9. API Well No.
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UINTAH COUNTY, UTAH CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION	4. Location of Well (Footage, Sec., T., R., M., or Survey Description)		KENNEDY WASH
2 CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF SUBMISSION Notice of Intent Abandoument Abandoument Abandoument Recompletion New Construction Non-Routine Fracturing Water Start-Off Casing Repair Water Start-Off Conversion to bijection Altering Casing Other SPUD Dispose Water (Note) Report results of multiple completion on Well completion on Recompletion from and Long form) To notice Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to fits worth On 11/25/06 - Drilled 40° of 20° conductor hole. Set 40° of 14" conductor and cement w/ Ready Mix. On 11/25/06 - Drilled 12-1/4" hole to 510°. Set 11 jts of 9-5/8" 36# J-55 csg @ 488°GL. Cement surface csg w/ 225 sxs Premium Cint. DEC 18 2006 DEC 18 2006	1995' FSL, 808' FEL, NESE, SEC 16-	T8S-R22E	11. County or Parish, State
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TYPE OF SUBMISSION TYPE OF ACTION Notice of laters			
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Final Abandonment Notice	X		
IX Other SPUD Dispose Water [Noce) Report results of multiple completion on Well Completion or Recompletion on Well Completion or Recompletion on Report and Log form.) 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent datasi, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work) On 11/24/06 - Drilled 40' of 20" conductor hole. Set 40' of 14" conductor and cement w/ Ready Mix. On 11/25/06 - Drilled 12-1/4" hole to 510'. Set 11 jts of 9-5/8" 36# J-55 csg @ 488'GL. Cement surface csg w/ 225 sxs Premium Cmt. DEC 18 2006 3-BLM, 2- Utah OG&M 1-Danver, 1- file Word file-server DIV OF CIL, GAS 2 MINNO 14. I hereby certify that the foregoing is rib-mark-sequent.		Casing Repair	Water Shut-Off
(Note) Report results of multiple completion or Recompletion or Recompletion or Report and Log form.) 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work) On 11/24/06 - Drilled 40° of 20" conductor hole. Set 40° of 14" conductor and cement w/ Ready Mix. On 11/25/06 - Drilled 12-1/4" hole to 510°. Set 11 jts of 9-5/8" 36# J-55 csg @ 488°GL. Cement surface csg w/ 225 sxs Premium Cmt. DEC 18 2006 3 - BLM, 2- Utah OG&M 1 - Denver, 1 - file Word file-server DIV. OF OIL, GAS AMMINIO	Final Abandonment Notice	Altering Casing	Conversion to Injection
Completion or Recompletion Report and Log form.) 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work) On 11/24/06 - Drilled 40° of 20" conductor hole. Set 40° of 14" conductor and cement w/ Ready Mix. On 11/25/06 - Drilled 12-1/4" hole to 510°. Set 11 jts of 9-5/8" 36# J-55 csg @ 488°GL. Cement surface csg w/ 225 sxs Premium Cmt. DEC 18 2006 3 - BLM, 2- Utah OG&M 1 - Danver, 1 file Word file-server DIV OF OIL, GAS AMMINO 14. I hereby certify that the foregoing is trib-and-compte.		X Other SPUD	Dispose Water
On 11/24/06 - Drilled 40' of 20" conductor hole. Set 40' of 14" conductor and cement w/ Ready Mix. On 11/25/06 - Drilled 12-1/4" hole to 510'. Set 11 jts of 9-5/8" 36# J-55 csg @ 488'GL. Cement surface csg w/ 225 sxs Premium Cmt. DEC 1 8 2006 3-BLM, 2- Utah OG&M 1 - Danver, 1 = file Word file-server DIV. OF OIL, GAS ASSINING			(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
3 - BLM, 2- Utah OG&M, 1 - Danver, 1 - file Word file-server DIV. OF OIL, GAS A SINING	On 11/25/06 – Drilled 12-1/4" hole to	all markers and zones pertinent to this work) uctor hole. Set 40° of 14" conductor and cement	w/ Ready Mix.
	3 - BLM, 2- Utah OG&M, 1 – Danver, 1 – file V	Vord file-server	DEC 1 8 2006
		Office Administrator II	Date 12/8/06

Title

OPERATOR ACCT. No. N-2460

ADDRESS:

OPERATOR: QEP Uinta Basin, Inc. 11002 East 17500 South

Vernal, Utah 84078-8526

(435)781-4300

ENTITY ACTION FORM - FORM 6

Action Code	Current Entity	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
A	No. 99999	15851	43-047-37944	GB 9ML 16 8 22	NESE	16	88	22E	Uintah	11/24/06	P. 72/21/06
WELL 1	COMMEN	rs: WS7	mVD					(CONFIDE	NTIAL	DIV OF ONLY GOOD MINISTER
						<u> </u>	<u> </u>				
WELL 2	COMMEN	ΓŞ:				•	.	1		-	
							<u> </u>				
WELL 3	COMMEN	TS:									
							<u></u>				
WELL 4	COMMEN	TS:									
WELL 5	COMMEN	TS:									
ACTION	A - Establis B - Add nev C - Re-assi	sh new entity for wwell to existing gn well from o	ns on back of form) or new well (single ng entity (group or ne existing entity to	well only) unit well) o another existing entity	***************************************				Sig	pour 7 gnature	Caldwell
			ne existing entity to ments section)	o a new entity					<u>Of</u>	fice Administrator	· 12/8/06

Title

Phone No. (435)781-4342

(3/89)

NOTE: Use COMMENT section to explain why each Action Code was selected

Date

QEP GB 9ML 16 8 22 43-047-37944 16 8S 22E 11/31/06-12/13/06 Currently drilling @ 3904 as of 12/13/06 Received 12/13/06

12/14/06-12/21/06 Currently drilling @ 7107 as of 12/21/06 Received 12/21/06

12/22/06-12/29/06 Currently drilling @ 10305 as of 12/29/06 Received 12/29/06

12/30/06-1/16/07 TD @ 11050 on 1/1/07, Rig Released on 1/2/07

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

R	OUTING
1.	DJJ
2.	CDW

Change of Operator (Well Sold)		X - Operator Name Change/Merger										
The operator of the well(s) listed below has char	iged, effective:	1/1/2007										
FROM: (Old Operator): N2460-QEP Uinta Basin, Inc. 1050 17th St, Suite 500 Denver, CO 80265		TO: (New Operator): N5085-Questar E&P Company 1050 17th St, Suite 500 Denver, CO 80265										
Phone: 1 (303) 672-6900		Phone: 1 (303)	672-6900									
CA No.		Unit:				4						
WELL NAME	SEC TWN RNG		ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS						
SEE ATTACHED LISTS		*	<u> </u>									
OPERATOR CHANGES DOCUMENT Enter date after each listed item is completed 1. (R649-8-10) Sundry or legal documentation w 2. (R649-8-10) Sundry or legal documentation w 3. The new company was checked on the Depart 4a. Is the new operator registered in the State of 5a. (R649-9-2) Waste Management Plan has been r 5b. Inspections of LA PA state/fee well sites comp	as received from the as received from the ment of Commerce Utah:	NEW operator	on: orporations	4/19/2007 4/16/2007 s Database on: 764611-0143		1/31/2005						
5c. Reports current for Production/Disposition &	Sundries on:	n/a	-									
6. Federal and Indian Lease Wells: The B			e merger, na									
or operator change for all wells listed on Federal. 7. Federal and Indian Units: The BLM or BIA has approved the successor. 8. Federal and Indian Communization Again The BLM or BIA has approved the operator.	or of unit operator for greements ("CA"	r wells listed on	<u>BLM</u>	4/23/2007	BIA	-						
9. Underground Injection Control ("UIC	") The Di	ivision has appro	oved UIC F	orm 5, Transfer	of Auth	ority to						
Inject, for the enhanced/secondary recovery u DATA ENTRY:				n:		-						
 Changes entered in the Oil and Gas Database Changes have been entered on the Monthly O Bond information entered in RBDMS on: Fee/State wells attached to bond in RBDMS o Injection Projects to new operator in RBDMS Receipt of Acceptance of Drilling Procedures 	perator Change Sp n: on:	4/30/2007 and oread Sheet on: 4/30/2007 and 4/30/2007 and 4/30/2007 and	5/15/2007 5/15/2007	4/30/2007 and 5	5/15/200	7						
BOND VERIFICATION:		ECD00004										
 Federal well(s) covered by Bond Number: Indian well(s) covered by Bond Number: (R649-3-1) The NEW operator of any state/f 	ee well(s) listed cov	ESB000024 799446 ered by Bond N	- umber	965003033								
3b. The FORMER operator has requested a relea			n/a	, 00 00 00 00 0	•							
LEASE INTEREST OWNER NOTIFIC			-27	•								
4. (R649-2-10) The NEW operator of the fee well		l and informed b	y a letter fr	om the Division								
of their responsibility to notify all interest own			n/a	<u>-</u>								
COMMENTS: THIS IS A COMPANY NAME OF SOME WELL NAMES HA		SED AS REQU	JESTED									

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
GB 6W-25-8-21	GB 6W-25-8-21	SENW	25	080S	210E	4304734121	13440	fee	GW	P
GB 7W-25-8-21	GB 7W-25-8-21	SWNE	25	080S	210E	4304734122	13436	fee	GW	P
GB 11W-30-8-22	OU GB 11W 30 8 22	NESW	30	080S	220E	4304734392	13433	fee	GW	P
ITTAILOTATE 1	CUD A POPE 1	NIENIE	26	0700	2405	4204715120	5070	State	GW	P
UTAH STATE 1	STATE 1	NENE	36	070S	240E	4304715128			GW	P
KAYE STATE 1-16	KAYE STATE 1-16	NWNW	16	100S	230E	4304730609	-	State		
TOLL STATION ST 8-36-8-21	TOLL STATION ST 8-36-8-21	SENE	36	080S	210E	4304732724	12361		GW	S
GLEN BENCH ST 8A-36-8-21	GB 8A 36 8 21	SENE	36	080S	210E	4304733037	12377		GW	<u>P</u>
GLEN BENCH ST 6-36-8-21	GB 6 36 8 21	SENW	36	080S	210E	4304733038	12378		GW	P
GLEN BENCH ST 2-36-8-21	GB 2 36 8 21	NWNE	36	080S	210E	4304733252	12527		GW	P
GH 1W-32-8-21	GH 1W-32-8-21	NENE	32	080S	210E	4304733570			GW	P
GH 3W-32-8-21	GH 3W-32-8-21	NENW	32	080S	210E	4304733571	12796	+	GW	P
GH 5W-32-8-21	GH 5W-32-8-21	SWNW	32	080S	210E	4304733572	12828		GW	P
GH 7W-32-8-21	GH 7W-32-8-21	SWNE	32	080S	210E	4304733573	12872	1	GW	P
GH 2W-32-8-21	GH 2W-32-8-21	NWNE	32	080S	210E	4304733744	13029		GW	P
GH 4W-32-8-21	GH 4W-32-8-21	NWNW	32	080S	210E	4304733745	13035		GW	P
GH 8W-32-8-21	GH 8W-32-8-21	SENE	32	080S	210E	4304733746	13030	State	GW	P
GB 3W-16-8-22	OU GB 3W 16 8 22	NENW	16	080S	220E	4304733751	13577	State	GW	P
GB 5W-16-8-22	OU GB 5W 16 8 22	SWNW	16	080S	220E	4304733752	13570	State	GW	P
GH 6W-32-8-21	GH 6W-32-8-21	SENW	. 32	080S	210E	4304733753	13036	State	GW	P
GB 11W-16-8-22	OU GB 11W 16 8 22	NESW	16	080S	220E	4304733754	13582	State	GW	P
GH 5G-32-8-21	GH 5G-32-8-21	SWNW	32	080S	210E	4304733866	13037	State	OW	P
GB 1W-36-8-21	GB 1W-36-8-21	NENE	36	080S	210E	4304733944	13439	State	GW	P
WV 7W-36-7-21	WV 7W-36-7-21	SWNE	36	070S	210E	4304734065	13334	State	GW	TA
WV 9W-36-7-21	WV 9W-36-7-21	NESE	36	070S	210E	4304734066	13331	State	GW	TA
WV 9W-16-7-21	WV 9W-16-7-21	NESE	16	070S	210E	4304734324		State	GW	LA
OU GB 4W-16-8-22	OU GB 4W-16-8-22	NWNW	16	080S	220E	4304734598	13579	State	GW	P
OU GB 10W-16-8-22	OU GB 10W-16-8-22	NWSE	16	080S	220E	4304734616	1	State	GW	LA
OU GB 12W-16-8-22	OU GB 12W-16-8-22	NWSW	16	080S	220E	4304734617	13697	State	GW	P
OU GB 13W-16-8-22	OU GB 13W-16-8-22	SWSW	16	080S	220E	4304734618		State	GW	P
GB 14MU-16-8-22	GB 14MU-16-8-22	SESW	16	080S	220E	4304734619	14196		GW	P
OU GB 15W-16-8-22	OU GB 15W-16-8-22	SWSE	16	080S	220E	4304734622	13595	-	GW	P
OU GB 16W-16-8-22	OU GB 16W-16-8-22	SESE	16	080S	220E	4304734655	13815		GW	P
OU GB 2W-16-8-22	OU GB 2W-16-8-22	NWNE	16	080S	220E	4304734657	13721		GW	P
OU GB 6W-16-8-22	OU GB 6W-16-8-22	SENW	16	080S	220E	4304734658	13592		GW	P
OU GB 8W-16-8-22	OU GB 8W-16-8-22	SENE	16	080S	220E	4304734660	13769		GW	TA
OU GB 9W-16-8-22	OU GB 9W-16-8-22	NESE	16	0805	220E	4304734692	13/07	State	GW	LA
OU GB 15G-16-8-22	OU GB 15G-16-8-22	SWSE	16	080S	220E	4304734829	13777	State	OW	S
GB 7MU-36-8-21	GB 7MU-36-8-21	SWNE	36	080S	210E	4304734893		State	GW	P
		NENW	36	080S	1	4304734894		State	GW	P
GB 3W-36-8-21	GB 3W-36-8-21				210E		13/91			LA
NC 8M-32-8-22	NC 8M-32-8-22	SENE	32	0805	220E	4304734897		State	GW	
NC 3M-32-8-22	NC 3M-32-8-22	NENW	32	080S	220E	4304734899		State	GW	LA

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
GB 5W-36-8-21	GB 5W-36-8-21	SWNW	36	080S	210E	4304734925	13808	State	GW	P
GB 4MU-36-8-21	GB 4MU-36-8-21	NWNW	36	080S	210E	4304734926	14589	State	GW	P
NC 11M-32-8-22	NC 11M-32-8-22	NESW	32	080S	220E	4304735040		State	GW	LA
GB 5SG-36-8-21	GB 5SG-36-8-21	SWNW	36	080S	210E	4304735155	14015	State	GW	P
SC 13ML-16-10-23	SC 13ML-16-10-23	SWSW	16	100S	230E	4304735281	14036	State	GW	P
SC 3M-16-10-23	SC 3ML 16 10 23	NENW	16	100S	230E	4304735282	14014	State	GW	P
SC 11ML-16-10-23	SC 11ML-16-10-23	NESW	16	100S	230E	4304735311	14035	State	GW	P
BB E 15G-16-7-21	BBE 15G 16 7 21	SWSE	16	070S	210E	4304735408	14070	State	OW	P
WH 13G-2-7-24	WH 13G-2-7-24	SWSW	02	070S	240E	4304735484	14176	State	GW	TA
FR 9P-36-14-19	FR 9P-36-14-19	NWSW	31	140S	200E	4304735880	14310	State	GW	S
CB 13G-36-6-20	CB 13G-36-6-20	SWSW	36	060S	200E	4304735969		State	OW	LA
WH 2G-2-7-24	WH 2G-2-7-24	NWNE	02	070S	240E	4304736259		State	GW	APD
WH 4G-2-7-24	WH 4G-2-7-24	NWNW	02	070S	240E	4304736261	:	State	GW	APD
FR 1P-36-14-19	FR 1P-36-14-19	NWNW	31	140S	200E	4304736300	14859	State	GW	S
WK 3ML-2-9-24	WK 3ML-2-9-24	NENW	02	090S	240E	4304736723	i i	State	GW	APD
WK 7ML-2-9-24	WK 7ML-2-9-24	SWNE	02	090S	240E	4304736724		State	GW	APD
SC 5ML-16-10-23	SC 5ML-16-10-23	SWNW	16	100S	230E	4304736877	15125	State	GW	P
SC 12ML-16-10-23	SC 12ML-16-10-23	NWSW	16	100S	230E	4304736878	15053	State	GW	P
SC 14ML-16-10-23	SC 14ML-16-10-23	SESW	16	100S	230E	4304736908	15070	State	GW	P
SC 4ML-16-10-23	SC 4ML-16-10-23	NWNW	16	100S	230E	4304736912	15208	State	GW	P
FR 3P-36-14-19	FR 3P-36-14-19	NWNW	36	140S	190E	4304737376	15736	State	GW	DRL
BBE 9W-16-7-21	BBE 9W-16-7-21	NESE	16	070S	210E	4304737745		State	GW	APD
GB 10ML-16-8-22	GB 10ML-16-8-22	NWSE	16	080S	220E	4304737943		State	GW	APD
GB 9ML-16-8-22	GB 9ML-16-8-22	NESE	16	080S	220E	4304737944	15851	State	GW	DRL
FR 11P-36-14-19	FR 11P-36-14-19	NWSW	36	140S	190E	4304738349		State	GW	DRL
GB 4SG-36-8-21	GB 4SG-36-8-21	NWNW	36	080S	210E	4304738764		State	GW	APD
GB 7SG-36-8-21	GB 7SG-36-8-21	SWNE	36	080S	210E	4304738765	!	State	GW	APD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

FORM (n

DIVISION OF OIL, GAS AND MINING 5. LEASE DESIGNATION AND SERIAL NUMBER: See attached														
SUNDR	Y NOTICES AND REPORT	S ON WEL	LS		NDIAN, ALLOTTEE OR TRIBE NAME: attached									
Do not use this form for proposals to drill drill horizontal	new wells, significantly deepen existing wells below culaterals. Use APPLICATION FOR PERMIT TO DRILL	rrent bottom-hole dept form for such proposa	th, reenter plugged wells, or to ls.		T or CA AGREEMENT NAME: attached									
1. TYPE OF WELL OIL WELL	GAS WELL OTHER				LL NAME and NUMBER: attached									
2. NAME OF OPERATOR:					NUMBER:									
QUESTAR EXPLORATION 3. ADDRESS OF OPERATOR:	ON AND PRODUCTION COMPAI	NY	PHONE NUMBER:		ched									
1050 17th Street Suite 500 Cn	Denver STATE CO ZIE	80265	(303) 308-3068	10. FIE	ELD AND POOL, OR WILDCAT:									
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached COUNTY: Uintah														
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: UTAH														
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA														
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION														
TYPE OF SUBMISSION TYPE OF ACTION ACIDIZE DEEPEN REPERFORATE CURRENT FORMATION														
NOTICE OF INTENT (Submit in Duplicate) ACIDIZE DEEPEN REPERFORATE CURRENT FORMATION FRACTURE TREAT SIDETRACK TO REPAIR WELL														
NOTICE OF INTENT														
G decimal to the first of the f														
	CHANGE TUBING	PLUG AND A	ABANDON		VENT OR FLARE									
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACK			WATER DISPOSAL									
Date of work completion:	CHANGE WELL STATUS	PRODUCTIO	ON (START/RESUME)		WATER SHUT-OFF									
	COMMINGLE PRODUCING FORMATIONS	RECLAMATI	ON OF WELL SITE	\checkmark	отнея: Operator Name									
	CONVERT WELL TYPE	RECOMPLE	TE - DIFFERENT FORMATION		Change									
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers: Federal Bond Number: 965002976 (BLM Reference No. ESB000024) Utah State Bond Number: 965003033 Fee Land Bond Number: 965003033 Current operator of record, QEP UINTA BASIN, INC, hereby resigns as operator of the properties as described on the attached list. Jay B. Neese, Executive Vice President, QEP Uinta Basin, Inc. Successor operator of record, QUESTAR EXPLORATION AND PRODUCTION COMPANY, hereby assumes all rights, duties and obligations as operator of the properties as described on the attached list Jay B. Neese, Executive Vice President Questar Exploration and Production Company														
NAME (PLEASE PRINT) Debra K. SIGNATURE	Stanberry	TITLE	3/16/2007	atory	Affairs									
This space for State use only)														

RECENTED

APR 1 9 2007

STATE OF UTAH

FORM 9

	DEPARTMENT OF NATURAL RESOU				
	DIVISION OF OIL, GAS AND M	INING		l .	SE DESIGNATION AND SERIAL NUMBER:
SUNDRY	NOTICES AND REPORT	S ON WEL	LS		ndian, allottee or tribe name: attached
drill norizontal late	w wells, significantly deepen existing wells below cu erals Use APPLICATION FOR PERMIT TO DRILL	rrent bottom-hole dept form for such proposa	h, reenter plugged wells, or to		T or CA AGREEMENT NAME: attached
1 TYPE OF WELL OIL WELL	GAS WELL OTHER			•	LL NAME and NUMBER: attached
2. NAME OF OPERATOR:					NUMBER:
	N AND PRODUCTION COMPA	NY			ched
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 GIT?	Denver STATE CO ZIE	,80265	PHONE NUMBER: (303) 308-3068	10. FIE	ELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: attache	d			COUNT	ry: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANG	E, MERIDIAN:			STATE	
					UTAH
11. CHECK APPR	OPRIATE BOXES TO INDICAT	TE NATURE (OF NOTICE, REPO	RT, O	R OTHER DATA
TYPE OF SUBMISSION		·	PE OF ACTION		
✓ NOTICE OF INTENT	ACIDIZE	DEEPEN		П	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING	FRACTURE	TREAT	一	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONST	RUCTION	\Box	TEMPORARILY ABANDON
1/1/2007	CHANGE TO PREVIOUS PLANS	OPERATOR	CHANGE	\Box	TUBING REPAIR
	CHANGE TUBING	PLUG AND A			VENT OR FLARE
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK			WATER DISPOSAL
(Submit Original Form Only)	CHANGE WELL STATUS		N (OTA DT/DEO) INC.	ㅂ	
Date of work completion:			N (START/RESUME)	닏	WATER SHUT-OFF
	COMMINGLE PRODUCING FORMATIONS	=	ON OF WELL SITE	1	отнек: Well Name Changes
	CONVERT WELL TYPE	RECOMPLET	E - DIFFERENT FORMATION		
12. DESCRIBE PROPOSED OR COM	IPLETED OPERATIONS. Clearly show all p	ertinent details incl	uding dates, depths, volume	s, etc.	
PER THE ATTACHED LIST	OF WELLS, QUESTAR EXPL	ORATION AN	ID PRODUCTION C	OMP	ANY REQUESTS THAT THE
INDIVIDUAL WELL NAMES	S BE UPDATED IN YOUR REC	ORDS.			
*					
NAME (PLEASE PRINT) Debra K. St.	apberry 6	TITLE	Supervisor, Regul	atory .	Affairs
SIGNATURE	Shelen	DATE	4/17/2007		
		,			
This space for State use only)					

PECEIVED

APR 1.9 2007

Questar E & P Page 1 of 1 43-047-37944 **Daily Drilling Report** GB 9ML-16-8-22 SIDETRACK: DATE: 1/2/2007 EVENT: **DRILLING** LOCATION: 16-8-S 22-E 26 **REPORT NO.:** 24 DFS / DOL: UNIQUE NO.: UT08695P29 COUNTY: 24.0 (days) / 30.0 (days) **UINTAH UTAH** 11050 (ft) RIG NAME/NO: AFE#: 27375 DAILY WELL COST: TODAY'S DEPTH: TRUE 32 30.385 CUM. WELL COST: PROGRESS: ROT. HOURS: 1,380,391 345 (ft) 20.0 (hr) AFE AMOUNT: TVD: 11050 (ft) CUM ROT. HOURS308.5 (hr) 1,361,473 FORMATION: **SEGO MUD GAS DATA** PRESENT OPERATION: SHORT TRIP TO SHOE. 6000' CONNECTION 631 TRIP/DOWNTIME 24 HR FORECAST: SHORT TRIP. CIRC. TRIP FOR LOGS BACKGROUND: 302 LITHOLOGY: S/S **CASING DRILLING DATA PERSONNEL** 7.000 (in) STRING WT UP: SUPERVISOR: ROCKLAND GOBER LAST CASING: 164,000 6109 (ft) STRING WT DN: DEPTH: 150.000 ENGINEER: STEVEN HALL 1/10/2007 STRING WT RT: NEXT BOP PRESS TEST: 158,000 **RIG FUEL** 11.95 (ppg) TORQUE: UEL USED: (ft-lbf) 1,687 (gal) **SURVEY DATA (LAST 4) GENERAL** AZIMUTH **ANGLE** N/S(-) E/W(-) V.S. DLS RIG PHONE NO: 1-307-320-5593 TVD SPUD DATE/TIME: 11/25/2006 @ 12:15 RR DATE/TIME: 1/5/2207 @ 18:00 **BIT RECORD** DULL CONDITION | SERIAL NO. TYPE BIT# SIZE TFA DEPTH CUM. CUM. ROP WOB MAX HHP MANUF. HHP/in²) I O B G FTGE (ft) HOURS 6.1 RSX711HG Hycalog 8 1.227 390 24.5 15.9 20 55 0.152 RSX111796 **OPERATIONS (06:00 TO 06:00) MUD DATA** FROM TO HRS P/U/T MUD TYPE: WEIGHTED WBM MUD ENGINEER: KASTEL 06:00 Р DRILL F/11705' TO 10744' DENSITY (IN/OUT):11.00(ppg)/(ppg) 11.55 (ppg) ECD: 09:00 09:30 0.50 Р RIG SERVICE GELS (10s/10m)7(lb/100ft²)/22(lb/100ft²) VISCOSITY: 48 (s/qt) 09:30 02:30 17.00 DRILL F/10744' TO 11050 PV/YP 35/22 HTHP @ 0 (°F) BEGAN LOSING 30 BBBLS MUD/HR AT 10760 API WL: LGS: 6.8 (cc/30min) (%) BROUGHT LCM UP TO 8%. LOSS STOPPED AFTER 140 BBL SAND: 2.00 (%) OIL: (%) MBT: (ppb) LIME: (ppb) 02:30 05:00 2.50 CIRCULATE FOR SHORT TRIP, MIX AND PUMP DRY JOB Pm: 9.80 0.50 NO LOSS. 11.2 WT 8% LCM Pf: 0.20 Mf: 1.20 05:00 06:00 1.00 P SHORT TRIP TO 6000 CI-: 1,200 (mg/L) Ca+: 80 (mg/L) (DEPTH AT 0600 10,000') K+: (mg/L) ES: (mV) CACL2: (%) CARBONATE: (ppm) BICARBONATE: (ppm) F.L. TEMP.: 120 (°F) CHECK DEPTH:10,745.00 (ft) WATER ADD: (bbl) TODAY'S COST: 3,730.00 CUM. COST: 108.602.00 COMMENTS: **PUMP DATA** #Strk.Len. Liner Eff. gal/stk **DRLG** Slow (in) (in) (%) SPM (psi) SPM 1 12.000 4.500 95.0 2.355 2,560 2 12.000 223.69(gpm) DP AV: 217.0 (ft/min) DC AV: 216.9 (ft/min) **CURRENT BHA** NO LENGTH OD ID Polycrystalline Diamond Bit 1.00 Positive Displacement Motor 1 2,946.0 Drill Collar 15 430.94 Heavy Weight Drill Pipe 19 578.87 **Drilling Jar** 1 Heavy Weight Drill Pipe 10 304.60 RECEIVED FEB 1 3 2007 DIV. OF OIL, GAS & MINING TOTAL LENGTH: 1317.41 BHA HRS: 24.50 MOTOR HRS: 24.50 **ACCIDENT** JARS HRS: SHOCK SUB HRS: TODAY:

								ı			uesta / Drill				OI	rt						Pag	e 1 o	f 1
WELL:	:	DRI	LLING		22		L	IDETRA	CK: N:		16- 8-S	22	-E 26	-	_			, ,		PORT N			1/3/20	
TODAY)8695		050 (ft)	RIG	NAME	OUNTY:	TRU											LY WEL		.0 (days) T:	7 31.0	(days) 63,713
PROG				11	0 (ft)		T. HOU		(hr)		<u> </u>								M. WELL			1,4	144,104	
TVD:				11	050 (ft)	CU	м ROT	HOURS	308.	.5 ((hr)								AF	AMOU	NT:		1,3	361,473
FORM		-		EGO							-) GA	S DAT	Α	631
PRESE						2011	DIDE						***					- · · · · · · · · · · · · · · · · · · ·						
24 HR LITHOI				KIP II	N, L/D I	DRILL	PIPE.											TRIP/DOWNTIME: BACKGROUND:						,200 302
			ING	,,,,					DRII	LL	ING D	A.	TA				-	PERSONNEL						
LAST (7.00	00 (in)	STRING	G WT L		164				SUPERVISOR									KLAND (OBEF	₹
DEPTH					(,	<u></u>												ENGIN	EER			EN HAL	L	
NEXT I		RESS				STRING		RT:	158	_								FUEL (ISE		RIG F	UEL	(aal)	
L.O.1.	EIVIVV.			11.95) TORQUE: (ff-lbf) SURVEY DATA (LAST 4)											T OLL C	JOL		ENE	1,228 RAL	(yai)		
DEP	ТН	ANG	SLE	AZIN	NUTH						T	V.S.		T	DL	s	RIG	РΗО	NE NO:		07-320-5	5593		
11,0	0.00		3.00		0.00	00 10,358.0 351.13 0.00					0	35	1.13			0.09	_				25/2006		15	
												-			+			RRD	ATE	TIME:	1/5	/2207 @	18:00	
<u> </u>												+			+									
<u> </u>											BIT R	FC	ORD	<u> </u>										
BIT#	SIZE	TYI	PE	TFA	DEPTH	CUM.	CUM.	ROP	wo		MAX				:01	OITIO	N SE	RIAL NO.	M	ANUF.				
					OUT	FTGE	HOURS	3			RPM			ОВ	1	R								
8	6.1	RSX71	1HG	1.227	11,050								1	5 D	ļ I	I TO	RS	X111796	Н	ycalog				
Ì									ļ				-H	+			+							
		OF	PFR/	ATIO	NS (าด-กก	TO	06:00	<u> </u>		L	Т			<u> </u>			М	ID	DATA	\			
FROM	то		P/U/T	1110	110 (TAILS	!			м	IUD TY	PE: \	W	EIGH	TED					:KASTE	L	
06:00	09:30	3.50	Р	SHORT	T TRIP TO	SHOE.	6110'					D	ENSIT	ľ (IN	/0	UT):1	1.10(ppg)/(p	pg)		ECD:		11.77	(ppg)
															VISC	OSITY:	49 (s/							
10:00	10:00				O BOTT			ION.				÷	V/YP				/27	20:->			HTHP		@ 0	(°F)
10.00	11.30	1.30	-					HOLE FRO	OM TF	RIP.)	\vdash	PI WL:			-) (CC/.)0 (%	30min) \			LGS:		(%) (%)	
11:30	14:00	2.50	Р	<u> </u>				UD FOR L			<u>, </u>	+	IBT:				pb)	,			LIME:		(ppb))
				MIX AN	ND PUMP	DRY JO	В.					р	H:				.00				Pm:		0.60	
14:00	21:00				SURVEY							Р	f:			0.2					Mf:		1.40	
21:00	04:00	7.00	P		HALIBU			.OG.				Н.	il-:				00 (r	ng/L)			Ca+:		80 (m	g/L)
					ERS DEP DWN ANI			GERS				\vdash	+: ACL2:			(n (%	ng/L)				ES:	ONATE:	(mV) (ppm	`
04:00	06:00	2.00	Р	TRIP IN								+-	ICARB	ONA	\TI		pm)				F.L. T		120 (°	·
				BREAK	AND CH	IECK CIF	RCULATI	ON AT 14	00'			W	ATER.	ADE):		bl)				CHEC	K DEPTH		
												-	ODAY'S			T: 15	,906.	00			CUM.	COST:	124,5	08.00
		1										lc	OMME	NTS	:									
												\vdash						DII	MD	DAT				
												#	#Strk.Len Liner Eff. gal/stk										S	low
													(in)					gairsix			SPM		SPM	
												1	1	-+										
												2		00			1	DD 41/		47.0.6	/ J	20.414	246.6	(6)
												٣	ATE:					DP AV		17.0 (10	minji	DC AV:	216.9	(ft/min
												ł												
																		CUR	RE	NT BI	1A			
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						TE	513	2007																-
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ACCIDE	NT	NO	NF.									-	HA HR			4.50				TOR HE				
TODAY		"										"	ARS H	no:					oH(OCK SU	is HK	5 .		
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WELL:	T:	DR	RILLIN		-22		L	SIDETRA	N:	16- 8-S							RE	TE:	_		1/4/200		
UNIQU			08695		1050 (#	- BIC	C NAME	COUNTY:	-	UINTAH	UTAI								L COS	6.0 (days)) / 32.0		
PROG				1	1050 (ft) 0 (ft)	,	T. HOU		TRUE	: 32									L COS		1.4	28,000 472,104	
TVD:					1050 (ft)	,		. HOURS	<u> </u>	(hr)								E AMOU				361,473	
FORM				SEGO									_				MUD GAS DATA						
					.5" CAS											CONNE						631	
24 HR					CASING	3 AND	CEME	NT.								TRIP/D		NTIME:				303	
LITHOL			SING	S/S					- PII	LING [DAT/		—			BACKG	iko		-PSC	NNEL		302	
LAST (SING		00 (in)	STRING	G WT U		<u> </u>	LING .	<u> </u>	<u> </u>				SUPER	₹VIS				GOBEF	₹	
DEPTH		-			109 (ft)											SUPERVISOR: ROCKLAND GOBER ENGINEER: STEVEN HALL							
NEXT	BOP P	RESS	TEST		10/2007	 							_					F	RIG F	UEL			
L.O.T.	EMW:			11.95	5 (ppg)											FUEL L	JSE			1,218	(gal)		
								ATA (L					_	-		<u></u>			GENE				
DEP	TH	ANG	GLE	AZII	MUTH	TVI	D	N/S(-)	<u>, </u>	E/W(-)	_	V.S.		DI	LS		NE NO:		307-320-				
						 			+		_			 		1			•	/25/2006			
	\longrightarrow			+-		-			_		_		—	+		KK D	Alt	E/TIME:	1/5	5/2207 @	18:00		
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]									BIT R	FCC	,BD		1			_						
BIT#	SIZE	TY	/PE	TFA	DEPTH	CUM.	CUM.	ROP	WOB		HHP		L C	ONDITIO	ON SE	RIAL NO.	N	MANUF.	T				
		•		"	OUT	1	HOURS			RPM		10	_					F					
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		Ol	PER	ATIC	NS (06:00	TO	06:00))		1		٠			MI	JD	DATA	<u> </u>				
FROM	то		S P/U/T					TAILS			MU	D TYP	E: V	WEIGH	HTED					KASTE	L		
06:00	07:00	0 1.00	4	STAG	E IN HOLI	E WITH E	ORILL ST	RING.								(ppg)/(pp			ECD:		11.72	(ppg)	
07:00	08:00	0 1.00	0 P		K CIRCUL								s/10	Jm)9(lt	o/100f	ft²)/22(lb/	/10(Oft²)	VISCO	OSITY:	51 (s/d	qt)	
	3.7.01				ULATE TH						PV∧				6/25				HTHP		@0((°F)	
08:00	09:30	_	-		E IN HOLI			RING.				WL:				(30min)			LGS:		(%)		
09:30	10:00	0.50	P		K CIRCUL			^~ PETIN			SAN				.00 (%	,)			OIL:		(%)		
10:00	11:00	100	0 P	-				OD RETUR	₹NS.		MBT				ppb)				LIME:		(ppb)	!	
10:00	11:00) 3.00	1 -		IN HOLE T T 100 BBL:						pH:				0.10				Pm:		0.70		
11:00	11:30	0 0.50) P	+	45' TO B						Pf: CI-:		—		.40 .200 (s	,n \			Mf:		1.20	4.	
11.00	11.00	, 0.00	1	(NO FI		J110m.	1000				CI-: K+:				,200 (n	ng/L)	—		Ca+:		80 (mg	-	
11:30	13:30	0 2.00	D P	+	ULATE BO	OTTOMS	UP.				CAC				mg/L) %)		—		ES:	ONATE:	(mV)		
								D MACHIN	NE.				NA.	.TE: (p			—		F.L. TI		(ppm) 120 (°	<u></u>	
				1	SAFETY							TER A			bbl)					K DEPTH	<u>`</u>	i	
				MIX AI	ND PUMP	DRY JO	В.							ST: 2,		0				COST:	126,82		
13:30	01:00	11.50	P	LAY D	OWN DRI	ILL PIPE	AND BH/	Α.				MMEN											
	<u> </u>			BREA	K KELLY.								_				_						
01:00	02:00		-		WEAR RI						L					PU	MP	DAT	A				
02:00	04:00	2.00	P	1				ASING CRI	EW.		#St	trk.Ler	ן ת	Liner	Eff.	gal/st					Slow		
24:00	20:00	2.00	<u> </u>	-	SAFETY						\bot	(in)	\perp						SPM	<u> </u>	SPM		
04:00	06:00	2.00) P	RUN 4	1.5" 11.6#	P-110 CA	SING.					12.000	$\overline{}$		<u> </u>					ļ			
	1										\vdash	12.000	<u>)</u>		\perp				<u></u>	-	\sqcup		
	ĺ										RAT	<u>E:</u>				DP AV:	2	:17.0 (ft/	/min) [DC AV:	216.9	(ft/min)	
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	l															AUD!	75	AIT DI					
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			, ,	Í		DIV. O	FOIL,	, GAS &	MiNi	NG				,,,,,	'								
				l				_	_		ВНА	HRS:	: 2	24.50		h	MO-	TOR HR	RS: 24	4.50			
ACCIDE		NOI	NE								7	S HRS						OCK SU					
TODAY:																							

										Quest ly Dril				ort	:						Pag	e 1 of	f 1
WELL:		GB	9ML	-16-8-	22		s	IDETRA	CK:									DA	ΓE:			1/5/20	07
EVENT			ILLIN	_				OCATIO		16- 8-S	-		3						PORT N			27	
UNIQU			08695		050 (6)	DIC.	NAME	OUNTY:	-	UINTAL	UT	TAH		AFE #	#. 27	275			LY WEL		.0 (days)		(days) 225,265
PROG	Y'S DEF RFSS:	*1H:		11	1050 (ft) 0 (ft)	<u>/</u>	T. HOU		(hr)	JE 32			•	AFE	#. 21	3/5			M. WEL				325,265 397,369
TVD:				11	050 (ft			. HOURS				•							AMOU				361,473
FORM	ATION:		5	SEGO																D GA	S DAT	A	
					NING P			10) (5.1									CONNE						
24 HR	FOREC	CAST	•	PREPA S/S	ARE RI	G FOR	RIG	MOVE M	MON	DAY.							TRIP/D						
		CAS	SING					Ē	ORII	LLING I	DA.	TA								RSC	NNEL		
LAST (CASING				00 (in)	STRING	G WT L										SUPER	RVIS			KLAND (OBEF	₹
DEPTH					49 (ft)			_			<u>-</u>						ENGIN	EER			EN HAL	L	
L.O.T.	BOP PE	RESS			0/2007 (ppg)	STRING	 	RT:									FUEL L	ISEI		RIG F	1,000	(aal)	
L.O. 1.	CIVIVV.			11.90				TA (L	AS	T 4)							T OLL C	JOLI		3ENE		(gai)	-
DEP	ТН	ANG	GLE	AZII	митн	TVI		N/S(-)		E/W(-)	T	V.S	;,	T	DLS	;	RIG F	PHO	NE NO:		07-320-	5593	
																	SPU	DA	TE/TIM	E: 11/	25/2006	@ 12:	15
				-							\dashv			<u> </u>			RR D	ATE	/TIME:	1/5	/2207 @	18:00	
				-		-					+												
				1		<u> </u>	i			BIT R	FC	ORI	<u> </u>				<u> </u>						-
BIT#	SIZE	TY	PE	TFA	DEPTH	CUM.	CUM.	ROP	wo			······································		COND	ITION	SEF	RIAL NO.	М	ANUF.				
					ОПТ	FTGE	HOURS	3		RPM		ī	O E	3 G	R								
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			DED	ATIO	NC /	06.00	TO)G.00 \			┰						841	<u> </u>	DAT	<u> </u>			
FROM	то		P/U/T	ATIO	N3 (טט:טט)6:00)			- M	IUD TY	PE:	WFI	GHT	FD '			DATA		:KASTE		
06:00	18:00	12.00	P	STAG	E IN 277	JOINTS C	OF 4.5" 1	1.6# P-110	D, AND	2 MARKER	+						ppg)/11			ECD:		11.47	(ppg)
i				JOINT	S.						G	ELS (1	10s/	10m):	5(lb/	100fl	²)/12(lb.	/100	ft²)	VISCO	SITY:	44 (s/	qt)
					ARKER J						-	V/YP			29/1	-				HTHP		@0((°F)
					IARKER J FSET AT			16.68'				PI WL:	:			<u>`</u>	30min)	<u>-</u>		LGS:		(%)	
				1	TOP SET						\vdash	IBT:			(pp) (%) b)	<u>. </u>			LIME:	. ,	(%) (ppb)	
				TOTAL	STRING	LENGTH	H WAS 1	1064.38' B	BEFOR	RE CUT OFF					9.40					Pm:		0.40	
				(LOST	120 BBL	S MUD W	HILE R	JNNING C	ASIN	G)	P	f:			1.00)				Mf:		1.20	
18:00	19:30	1.50	Р	CIRCL							С	:1-:			1,20)0 (n	ng/L)			Ca+:		80 (m	g/L)
					OWN CAS P HALIBU			De			-	+:			(mg					ES:		(mV)	
									RIG C	CREW AND	-	ACL2:		ΔTF·	(%) (pp					F.L. T	ONATE:	VE F	
					NTERS.						-	ATER			(bb			•			K DEPTH	120 (° :1.150.	
19:30	22:00	2.50	Р	CEME	NT PROD	UCTION	CASING	i.			T	ODAY'	S C	OST:	176	.00					COST:	126,99	
										SURFACE.	C	OMME	NTS	S :									
					ED PLUG			OM 11048.:	38' TC	0 6194'	F									_			
22:00	23:00	1.00	Р		OWN HAL			NTERS.			#	Strk.L	en	Line	ar I	Eff.	PU gal/si		DAT	A			low
23:00	01:00	2.00	Р	NIPPLI	E DOWN	BOP.			-		+"	(in					gairs	ıx		SPM	1	SPM	iow
01:00	02:00	1.00	Р	SET C	ASING SL	IPS WIT	H CAME	RON.			1	12.0	00									-	
02-00	00.00	4.00			G WEIGH		PS: 110,0	000.		****	2	12.0	00										
02:00	06:00	4.00	P	CLEAN	MUD TA	NKS.					R	ATE:	_				DP AV:	2	17.0 (ft	/min) [OC AV:	216.9	(ft/min)
											ľ												
																	CUR	RF	NT BI	·ΙΔ			
															D	ESC					LENGTH	OD	ID
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						אות	OF C	IL, GAS	S & 1	MINING	٣	DTAL	LEN	iG I F	1. U								
											BH	HA HR	RS:	24.5	50		N	TON	OR HE	RS: 24	4.50		
ACCIDE		NO	NE			_					1	RS H							CK SU				
TODAY:			_							180					_					***			

WILL GB 9M - 164-22 SISTERION 16 - 58 22 E 26									ļ		-					ort						Pag	e 1 of	1
TODAYS DEPTH: 1199 (B) 80 FAMILY TO THURS BY 1975 OLLY WILL COST 1273, 128 FORCHESS S 0 1 (B) 80 FAMILY OLLY SERVICE S 1274 AFF AMOUNT 1274, 128 FAMILY OLLY SERVICE S 10 F	EVENT	:	DR	ILLIN	G	-22		L	OCATIO	N:									RE	PORT NO			28	
PROSESS				00090		1050 (ft) RIC					An	<u> </u>	W I	P	AFE#: ;	27375	 5						
MUD GAS DATA	PROGR	RESS:			<u> </u>														CU	M. WELL	cos	Γ:		
PRESENT OFFERATION RIGIDATION DOWNEDTON DOWNEDTO					1	1050 (ft) CU	M ROT	. HOURS	308.	5 (hr)							1	AF					61,473
A HAT GROCAST RIG DOWN MOVE RIG MONDAY 1/08/2008																		001111	ГОТ		<u>GA</u>	S DAT	<u> </u>	
SPECIAL SPEC								DIC M	ONDAY	/ 1/00	9/2004							+						
CASING						OVVIN.	VIOVE.	KIG W	UNDAT	1/00	0/2000	,						-	_					
MATCHARMS										DRIL	LLIN	G D	AT	Ά			-,				RSC	NNEL		
RECT GEN PRESS ISST: MOZOR SINNEW YITR	LAST C					00 (in)	STRIN	G WT U										SUPER	RVIS				OBER	
COTEMN: 11.99 (pop) TORQUE SO (gan) SO (gan)						(,												ENGIN	EER				L	
SUPPH ANGLE AZMUTH TVD NS() EW() VS DLS RICHIPON NO 1-307-205-959				TEST:					RT:										105		IG F			
APPLIED	L.O.1. I	=MVV:			11.95	(1 1 0 /			TA /I	VG.	T 4\							FUEL	JSEI		ENE		(gai)	
SPU DATETIME: 11,252,000 6g 12-15 RR DATETIME:	DEPT	ГН	ANG	GLE	AZII			T				······································	Т	V.S.		DI	LS	RIG	PHO				5593	
									,			.,	t					SPU	D DA	TE/TIME				15
BT SLEE																								
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PROM TO PROF PR	RIT#	SIZE	TY	PE	TFA	DEPTH	CUM	CUM	ROP	wo					-	ONDITIO	N SE	RIAL NO	M	ANUE				
PROM			• • •				1			'''		- 1	•				_	MALIQ.	"	AIIQI .				
MOD 100															-		+							
MOD 100																								
MOD 100																								
0.500 10.00 10.00 P. P. R. GOWN AND RELEASE EQUIPMENT AND THEN SET! MRT: LIANE TRUE'S EQUIPMENT AND THEN SET! LIANE TRUE'S EACH						NS (DOCATION 15-6-S 22-E 26																	
## STECEIVED 16:00 11:00 16:00				-	-	N MUD TA	VNKG	DE	TAILS							/OUT			М			:		
No.				ļ	-			SE EQU	IPMENT.				-		_							SITY:		
## API WI: LGS: RREAD 1000 100 101: 1800 0600 2.00 P RIDDOWN ## PP: MM: CI: Cav: KR: ES: CACL2: CARBONATE: BICARBONATE: BICARBONATE: FIL TEMP: WATE ADD: COMMENTS ## SITCH LINE: WATE ADD: COMMENTS ## SITCH LINE: WATE ADD: CHECK DEPTH: TODAY'S COST: COMMENTS ## SITCH LINE: BICARBONATE: FIL TEMP: WATE ADD: CHECK DEPTH: TODAY'S COST: COMMENTS ## SITCH LINE: BICARBONATE: BICARBO					LOAD	TRUCKS	WITH R	ENTED E	EQUIPMEN	NT AN	D THEN	I SENT											@	
18:00 06:00 12:00 P RIG DOWN. MBT: LIME:					BACK	TO VEND	ORS.						AP	I WL:							LGS:			
PH: Pm: Pm: Pf: Mf: Cl- Cas+: K+: ES: CACL2: CARBONATE: EL TEMP.: WATER ADD: CHECK DEPTH: TODAY'S COST: CUM. COST: 126,996.00 COMMENTS: COMMENTS: COMMENTS: CUM. COST: 126,996.00 COMMENTS:					ļ		1/05/20	07 1800					SA	ND:							OiL:			
PF: MF: CI-: Ca+: K+: ES: CACL2: CARBONATE: BICARBONATE: FL. TEMP.: WATER ADD: CHECK DEPTH: TODAY'S COST: CUM. COST: 126,996.00 COMMENTS: PUMP DATA # Strk.Len Liner Eff. gal/stk SPM SPM 1 12.000 2 12.000 2 12.000 2 12.000 RATE: DP AV: 217.0 (ft/min] DC AV: 216.9 (ft/min) CURRENT BHA DESCR. NO ENGTH OD ID RECEIVED FEB 1 3 2007 DIV. OF OIL, GAS & MINING BHA HRS: MOTOR HRS: JARS HRS: SHOCK SUB HRS:	18:00	06:00	12.00	Р	RIG D	OWN.							_								LIME:			
CI:													<u> </u>					-						
K++																								
CACL2: CARBONATE: BICARBONATE: BICARBONATE: BICARBONATE: BICARBONATE: F.L. TEMP.: WATER ADD: CHECK DEPTH: TODAY'S COST: CUM. COST: 126,996.00 COMMENTS: PUMP DATA # Strk.Len, Liner Eff. gal/stk SPM SPM 1 12.000 1 12.000 2 12.000 RATE: DP AV: 217.0 (ft/min) DC AV: 216.9 (ft/min) CURRENT BHA DESCR NO LENGTH OD ID DESCR NO LENGTH OD I													-											
## PUMP DATA ## Strk.Len Liner Eff. gal/stk SPM SPM																						ONATE:		
TODAY'S COST: CUM. COST: 126,996.00													BIC	ARBO	NA	NTE:					F.L. T	EMP.:		
RECEIVED FEB 1 3 2007 DIV. OF OIL, GAS & MINING COMMENTS: PUMP DATA # Strk.Len Liner Eff. gal/stk Slow SPM													WA	TER /	מסג):					CHEC	K DEPTH	:	
# Strk.Len Liner Eff. gal/stk Slow SPM																				CUM.	COST:	126,99	96.00	
# Strk.Len Liner Eff. gal/stk Slow SPM SPM SPM SPM SPM SPM SPM SPM SPM SPM														MME	115	:								
# Strk.Len Liner Eff. gal/stk Slow SPM SPM SPM SPM SPM SPM SPM SPM SPM SPM													_					DII	MD	DATA				
(in) SPM SPM SPM 1 12.000 2 12.000													#8	Strk.Le	en.	Liner	Eff.			VALA			S	ow
RECEIVED FEB 1 3 2007 DIV. OF OIL, GAS & MINING DIV. OF OIL, GAS & MINING DIV. OF OIL, GAS & MINING DIV. OF OIL, GAS & MINING BHA HRS: JARS HRS: SHOCK SUB HRS:														(in)							SPM	1		
RECEIVED FEB 1 3 2007 DIV. OF OIL, GAS & MINING RATE: DP AV: 217.0 (ft/min) DC AV: 216.9 (ft/min) CURRENT BHA DESCR. NO LENGTH OD ID NO LENGTH OD ID TOTAL LENGTH: 0 BHA HRS: MOTOR HRS: JARS HRS: SHOCK SUB HRS:													1	12.00	0									
CURRENT BHA DESCR. NO LENGTH OD ID RECEIVED FEB 1 3 2007 DIV. OF OIL, GAS & MINING BHA HRS: MOTOR HRS: JARS HRS: SHOCK SUB HRS:													_		0						L_,	ļ	L	
RECEIVED FEB 1 3 2007 DIV. OF OIL, GAS & MINING DESCR. NO LENGTH OD ID TOTAL LENGTH: 0 BHA HRS: MOTOR HRS: JARS HRS: SHOCK SUB HRS:													RA	TE:				DP AV:	2	17.0 (ft/	min) I	DC AV:	216.9	(ft/min)
RECEIVED FEB 1 3 2007 DIV. OF OIL, GAS & MINING DESCR. NO LENGTH OD ID TOTAL LENGTH: 0 BHA HRS: MOTOR HRS: JARS HRS: SHOCK SUB HRS:																								
RECEIVED FEB 1 3 2007 DIV. OF OIL, GAS & MINING DESCR. NO LENGTH OD ID TOTAL LENGTH: 0 BHA HRS: MOTOR HRS: JARS HRS: SHOCK SUB HRS:																		CUR	RF	NT RE	ΙΔ	*****		
FEB 1 3 2007 DIV. OF OIL, GAS & MINING BHA HRS: MOTOR HRS: ACCIDENT NONE BHA HRS: SHOCK SUB HRS:																	DESC		- _	Di		LENGTH	OD	ID
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BHA HRS: MOTOR HRS: ACCIDENT NONE JARS HRS: SHOCK SUB HRS:								~~ ~!!	CAC	9. KM	NING	İ	то	TAL L	EN	GTH: ()							
ACCIDENT NONE JARS HRS: SHOCK SUB HRS:							DIA' (OF OIL	_, GAS	OL IVII	1.411.47.													
or to this.	ACCIDE	NT	NO.	NE																		_		
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Operations Summary Report

Well Name: GB 9ML-16-8-22 Location: 16- 8-S 22-E 26 Rig Name: TRUE

43-047-37944

Spud Date: 11/25/2006 Rig Release: 1/5/2207

Rig Number: 32

Ng Name.	E			15	Rig Number: 32
Date	From - To	Hours	Code	Sub Code	Description of Operations
2/6/2007	06:00 - 16:00	10.00	LOC	4	On 2/6/07 - Initial Completion Report. MIRU Leed Energy Rig.
2/7/2007	06:00 - 16:00	10.00	вор	1	Csg Size: 4-1/2" 11.6# P-110 Csg Depth: 11048' On 2/6/07, SICP = 0#. ND WH & NU Frac Valve. Had to drill up ice plug @ surface. PU, tally & rabbit in hole w/ 3-7/8" bit, 4-1/2" csg scraper & 200 jts 2-3/8" N-80 tbg.
2/8/2007	06:00 - 16:00	10.00	CIRC	1	24 Hour Forecast: Will finish RIH w/ bit & scraper. Csg Size: 4-1/2" 11.6# P-110 Csg Depth: 11048' On 27/107, SICP = 0#. Finish picking up, tally & rabbit in hole w/ 3-7/8" bit, 4-1/2" csg scraper & 135 jts 2-3/8" N-80 tbg. Circulate well clean w/ KCL water. POOH w/
					bit, scraper & tbg. SWIFN. 24 Hour Forecast: Will run CBL & perforate.
2/12/2007	06:00 - 16:00	10.00	PERF	2	Csg Size: 4-1/2" 11.6# P-110 Csg Depth: 11048" On 2/8/07, SICP = 0#. MIRU Cutters WL. Run a CBL/VDL/GR log from tag @ 10962' to 3400' w/ top of cement est @ 3950'. Pressure test csg to 4500#. OK. Correlated the CBL to the Halliburton Open Hole dated 12/17/06. Perforated per the Cutters CBL log dated 2/8/07. Sego interval 10866' - 10870' & Lower Mesa Verde interval 10823' - 10827'; 10807' - 10811'; 10678' - 10682'; 10669'; 10669'; 10642' - 10646' & 10629' - 10633' @ 3 SPF w/ 120" phasing, 3-1/8" csg gun w/ Power Pak charges. Breakdown perfs @ 4200#, pumped into perfs @ 2.5 BPM @ 3600# with 5 bbls of 2% KCL water. ISIP = 3300#. Put 15 gal diesel in well. RDMO Cutters WL. SWIFN. 24 Hour Forecast: Will be on standby til frac on Monday (2/12/07). Csg Size: 4-1/2" 11.6# P-110
2/13/2007	06:00 - 16:00	10.00	STIM	3	Csg Depth: 11048' Perfs Sego 10866' - 10870' Lower Mesa Verde 10823' - 10827' 10807' - 10811' 10678' - 10682' 10665' - 10669' 10642' - 10646' 10629' - 10633' On 2/12/07, MIRU Halliburton Frac Crew & Cutters WL. Pre-job safety meeting. Zone 1 - Lower Mesa Verde 10866' - 10870'; 10823' - 10827'; 10807' - 10811'; 10678' - 10682'; 10665' - 10669'; 10642' - 10646' & 10629' - 10633'. Frac w/ Delta 200 fluid system. Breakdown @ 4587#. Pumped 400 gals 28% HCL ahead of 34500 gal pad. Ramp. 5-4 ppg 20/40 PR 6000 sand in 65596 gal fluid. Flush w/ 400 gal 28% HCL in 7049 gal water. Total load = 2551 bbls. Total sand = 198,100#. Avg rate = 57 BPM, max rate = 59 BPM. Avg psi = 5813#; Max psi = 6887#. ISIP = 3836#. FG = .80.

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Operations Summary Report

Well Name: GB 9ML-16-8-22 Location: 16- 8-S 22-E 26 Rig Name: TRUE

Spud Date: 11/25/2006 Rig Release: 1/5/2207 Rig Number: 32

	From - To 6:00 - 16:00	Hours 10.00	Code	Sub Code	Description of Operations
2/13/2007 06	6:00 - 16:00	10.00	STIM		
2/14/2007 06	5:00 - 16:00	10.00		3	Zone 2 - Lower Mesa Verde - Lubricate in 4-1/2" frac plug @ 10470'. Perforate per CBL dated 2/8/07 interval 10438' - 10442'; 10316' - 10318'; 10229' - 10233'; 10170' - 10173'; 10088' - 10881' w/ 3-1/8" csg gun, 3 spf w/ 120" phasing w/ Power Pak charges. SDFN. 24 Hour Forecast: Will continue w/ frac job Csg Size: 4-1/2" 11.6# P-110 Csg Depth: 11048' Perfs Sego 10866' - 10870' Lower Mesa Verde 10823' - 10827' 10807' - 10811' 10678' - 10682' 10665' - 10689' 10642' - 10646' 10629' - 10633' 10438' - 10442' 10316' - 10318' 10229' - 10233' 10170' - 10173' 10088' - 10091' On 2-13-07 Pre-job safety meeting. Zone 2 - L.Mesaverde 10438-42'; 10316'-18', 10229-33'; 10170-73'; 10088-91'. Breakdown @ 5748#. Drop 72 bio-balls. Frac w/Delta 200 fluid system. Pumped 400 gal 28# Hcl ahead of 32500 gal pad. Ramp. 5-4 ppg 2040 PR 6000 Sand in 50510 gal fluid. Flush w/400 gal 28% Hcl in 6624 gal water. Total Load=2136 bbl. Total Sand=151,000#. Avg Rate=54 bpm. Max Rate=61 bpm. Avg PSI=5777#. Max PSI=6321#. SIP=3805#. FC=81 Zone 3 - L.Mesaverde. Lube in frac plug @ 9830'. Perforate per CBL dated 2-8-07 intervals 9761'-65'; 9362'-65'. 9337'-40'; 9324'-27'; 9295'-95'; Frac w/Delta 200 fluid system. Sraskdown f1568*. Pumped 28000 gal pad. Ramp 1-4 ppg 20/40 PR-6000 Sand in 68325 gal flud. Flush w/400 gal 28% Hcl in 6153 gal wtr. Total Load=2442 bbls. Total Sand=209,200#. Avg Rate=61 bpm. Max Rate=65 bpm. Avg PSI=57837#. SIP=2525. FG=(70). Zone 4 - Mesaverde. Lube in frac plug @ 8830'. Perforate per CBL dated 2-8-07 intervals 8744'-48'; 8720'-24'; 8650'-54'; 8641'-45'; Frac w/Delta 200 fluid system. Breakdown 5056#. Pumped 1992 pad. Ramp 1-4 ppg 20/40 Ottawa Sand in 32203 gal fluid. Flush w/400 gal 28% Hcl in 6153 gal wtr. Total Load=2187 bbls. Total Sand=209, 200#. Avg Rate=50 bpm. Max Rate=55 bpm. Avg PSI=3893#. Max PSI=5280*. FG=(70). Zone 4 - Mesaverde. Lube in frac plug @ 8830'. Perforate per CBL dated 2-8-07 intervals 8744'-48'; 8720'-24'; 8650'-54'; 8650'-54'; 8641'-45'; Frac w/Delta 200 fluid system. Breakdown 1920#. Far

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Operations Summary Report

Well Name: GB 9ML-16-8-22 Location: 16- 8-S 22-E 26 Rig Name: TRUE

Spud Date: 11/25/2006 Rig Release: 1/5/2207 Rig Number: 32

Date	From - To	Hours	Code	Sub Code	Description of Operations
/14/2007	06:00 - 16:00	10.00	STIM	3	2339#. Pumped 3800 gal pad. Ramp 1-5 ppg 20/40 ottawa. Sand in 12084 gal fluid. Flush w/4334 gal wtr. Total Load=481 bbls. Total Sand=42,700#. Avg Rate=35 bpm. Max Rate=37 bpm. Avg PSI=2321#. Max PSI=2913#. ISIP=1463. FG=(.63). RDMO Halliburton frac crew. Shut well in for 2 hrs. NU blow manifold to pit. Open well up on 10/64" choke @ 8:30 pm w/950# on csg. Flowed well on various chokes. Shut well in @ 5:30 am w/900# on csg & 12/64" choke. Making 40 bph w/light sand. Recovered a total of 315 bbls. 9770 BLLTR
		ĺ			24 Hour Forecast will lube in kill plug & drill out.
					Csg Size: 4-1/2" 11.6# P-110 Csg Depth: 11048'
					Minus daily recovery: 315 Plus water today: 10085 LLTR: 9770
					Perfs Sego
					10866' - 10870' Lower Mesa Verde
					10823' - 10827' 10807' - 10811' 10678' - 10682'
					10665' - 10669' 10642' - 10646' 10629' - 10633'
					10438' - 10442' 10316' - 10318'
					10229' - 10233' 10170' - 10173' 10088' - 10091'
				[9761'-9765' 9362'-9365' 9337'-9340'
					9324-9327' 9295-9298'
					Mesaverde 8744'-8748' 8720'-8724'
				-	8650'-8654' 8641'-8645'
				:	Wasatch 8383'-8387' 8135'-8139'
					7818'-7822' 7545'-7549'
15/2007	06.00 46.00	40.00		1	7449'-7453' 7419'-7423'
	06:00 - 16:00	10.00	LUG	4	On 2/14/07, SICP = 950#. Cutters WL still RU. Set 4-1/2" kill plug @ 7380'. Bleed well off & RDMO Cutters WL. RIH w/ 3-7/8" bit, shear sub, 1 jt tbg, 1.81" "F"-Nipple

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Operations Summary Report

Well Name: GB 9ML-16-8-22 Location: 16- 8-S 22-E 26 Rig Name: TRUE

Spud Date: 11/25/2006 Rig Release: 1/5/2207 Rig Number: 32

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/15/2007	06:00 - 16:00	10.00	LOG	4	NOTE: Halliburton moved off location today. Had to get road grader to move them out. Muddy.
					24 Hour: Will drill out plugs.
	-			İ	Csg Size: 4-1/2" 11.6# P-110
					Csg Depth: 11048'
					LLTR: 9770 bbls
					Perfs
					Sego
					10866' - 10870'
					Lower Mesa Verde
					10823' - 10827' 10807' - 10811'
					10678' - 10682'
					10665' - 10669'
					10642' - 10646'
					10629' - 10633'
					10438' - 10442'
					10316' - 10318'
					10229' - 10233'
					10170' - 10173'
					10088' - 10091'
					9761'-9765' 9362'-9365'
					9337'-9340'
					9324'-9327'
	1				9295'-9298'
					Mesaverde
					8744'-8748'
					8720'-8724'
		i			8650'-8654'
					8641'-8645'
					Wasatch
					8383'-8387'
					8135'-8139'
					7818'-7822' 7545'-7540'
		1			7545'-7549' 7449'-7453'
		1			7419'-7423'
16/2007	06:00 - 16:00	10.00	DRL	5	On 2/15/07 SITP = 0#, SICP = 0#. With bit @ 7140'. RIH w/ 8 its tbg & drill up kill
					plug @ 7380'. RIH w/ bit & drill up frac plugs @ 7620'; 8450'; 8830'; 9830' & 10470'.
	1 1	1			RIH w/ bit & tagged sand @ 10775', circulate 6 jts of sand out to 11000' (PBTD).
					Circulate csg clean w/ 140 bbls 2% KCL water. LD 14 jts tbg & land on hanger w/
					EOT @ 10572'. ND BOP & NU WH to flow manifold. Pump off bit, well started
	1				flowing. Turn well over to flow watch. 6:00 PM 1500# on csg, 1000# on tbg on
		İ			24/64" choke.
					12:00 AM 1100# on tbg, 1750# on csg, 28/64" choke, making 40 BPH ad total of
		ł			190 bbls recovered. 6:00 AM 1200# on tbg, 28/64" choke, making 40 BPH and total of 390 bbls
		-			recovered.
	<u> </u>				Printed: 3/6/2007 12:48:25 PM

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Operations Summary Report

Well Name: GB 9ML-16-8-22 Location: 16- 8-S 22-E 26 Rig Name: TRUE

Spud Date: 11/25/2006 Rig Release: 1/5/2207 Rig Number: 32

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/16/2007	06:00 - 16:00	10.00	DRL	5	Still flowing well.
					24 Hour: Will continue to flow back well.
				İ	Csg Size: 4-1/2" 11.6# P-110
					Csg Depth: 11048'
	1				LLTR: 9380 bbls
					2211. 3000 BBIS
		}			Perfs
					Sego
			İ		10866' - 10870'
					Lower Mesa Verde
					10823' - 10827'
	i				10807' - 10811' 10678' - 10682'
					10665' - 10669'
					10642' - 10646'
		-			10629' - 10633'
					10438' - 10442'
					10316' - 10318'
					10229' - 10233'
					10170' - 10173'
					10088' - 10091' 9761'-9765'
					9362'-9365'
					9337'-9340'
					9324'-9327'
					9295'-9298'
					Mesaverde
	1				8744'-8748'
					8720'-8724'
					8650'-8654'
					8641'-8645'
					Wasatch
					8383'-8387' 8135'-8139'
					7818'-7822'
					7545'-7549'
					7449'-7453'
					7419'-7423'
					The Date!
					Tbg Detail KB 22.00
				-	Hanger 0.45
					323 jts 2-3/8" N-80 10515.03
					1.81" F-Nipple 0.90
					1 jt 2-3/8" N-80 32.57
					Bit Sub 0.90
		ļ			Tbg Tail @ 10571.85
					F-Nipple @ 10538.38
2/19/2007	06:00 - 16:00	10.00	LOC	4	On 2/16/07, RDMO Leed Well Service.
		ļ			6:00 AM - 1150# on tbg, 1650# on csg, on 28/64" choke, making 30 BPH fluid.
	i				

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Operations Summary Report

Well Name: GB 9ML-16-8-22 Location: 16- 8-S 22-E 26 Rig Name: TRUE

Spud Date: 11/25/2006

Rig	Release:	1/5/220
Rig	Number:	32

Date	From - To	Hours	Code	Sub Code	Description of Operations
19/2007	06:00 - 16:00	10.00	LOC	4	On 2/17/07 - 12:00 AM - 1150# on tbg, 1650# on csg, 28/64" choke, making 30 BPH fluid. 6:00 AM - 1050# on tbg, 1675# on csg, on 28/64" choke, making 30 BPH fluid. 1:00 PM - 1050# on tbg, 1750# on csg, on 28/64" choke, making 30 BPH fluid. Shut well in @ 1:00 PM. NUWH to sales line & turn well over to production. FINAL COMPLETION REPORT Csg Size: 4-1/2" 11.6# P-110 Csg Depth: 11048" LLTR: 9380 bbls Perfs Sego 10866" - 10870' Lower Mesa Verde 10823" - 10827' 10867" - 10811' 10678' - 10682' 10665' - 10669' 10422" - 10645' 10629" - 10633' 10438' - 10442' 10316' - 10318' 10229' - 10233' 10170' - 10173' 10088' - 10091' 9761'-9765' 9337'-9340' 9324'-9327' 93295'-9298' Mesaverde 8744'-8748' 88720'-8724' 8850'-8654' 8841'-8845' Wasatch 8383'-8387' 8135'-8139' 7818'-7822' 7745'-7549' 7449'-7423' Tipg Detail Csg Depth: 1055.03 1.81' F-Nipple 0.90 15 Tail @ 10571.85

Questar E & P **Operations Summary Report**

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Well Name: GB 9ML-16-8-22 Location: 16- 8-S 22-E 26 Rig Name: TRUE

Spud Date: 11/25/2006 Rig Release: 1/5/2207 Rig Number: 32

Date	From - To	Hours	Code	Sub Code		Description of Operations	
2/19/2007	06:00 - 16:00	10.00	LOC		F-Nipple @	10538.38	
	i						

Form 3160-4 (November 1983) (formerly 9-330)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on

Form approved. Budget Bureau No. 1004-0137 Expires August 31, 1985

5.	LEASE DESIGNATION	AND SERIAL NO).
		00.40	

					reverse side).		ML-22049
		TON OR RECOME	A ESTION DEDO	DT AND LOC +		6. IF INDIAN, AL	LOTTEE OR TRIBE NAME
V	VELL COMPLET	ION OR RECOMP	LETION REPO	KI AND LOG "		7	
1a. TYPE OF WELL	OIL	GAS	Tarl DDV	Out.		7. UNIT AGREEM	ENT NAME N/A
b TYPE OF COMPL	WEL LETION	T WELL	X DRY	Other	DENTIAL		N/A
NEW	WORK DE				JEIST STILL	8. FARM OR LEA	
WELL X	OVER EN	ВАСК	RESVR	Other			N/A
2. NAME OF OPERATOR QEP UINTA BAS							B 9ML 16 8 22
3. ADDRESS OF OPERAT	ror. outh - Vernal, UT	84078		9ahn Caidwell 435.781.4357	435-781-4342	10. FIELD AND PO	OL, OR WILDCAT
		y and in accordance with a				KE	NNEDY WASH
At surface 1995' I	FSI. 808' FFI. NI	ESE, SEC 16-T8S-R	22E			11. SEC.,T., R., M.	OR BLOCK AND SURVEY
At top rod, interval repor	,	5' FSL, 808' FEL, 1		9C D22F		OR AREA	C 16-T8S-R22E
•		,		0.5-R22E			
At total depth 19	95' FSL, 808' FEI	L, NESE, SEC 16-TE	14. PERMIT NO	. D.	ATE ISSUED	12. COUNTY OF	R 13. STATE
			43_A	47-37944		PARISH UINTA	AH UT
5. DATE SPUDDED	16. DATE T.D. REAC		17. DATE COMPI	(Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
11/24/06 D. TOTAL DEPTH, MD & TVD		/1/07 ACK T.D., MD & TVD	22. IF MULTIP		23. INTERVALS	KB ROTARY TOOLS	CABLE TOOLS
11,050		11,000'	HOW MA	NY*	DRILLED BY		
PRODUCING INTERVAL(S	S), OF THIS COMPLETION	ON-TOP, BOTTOM, NAM	E (MD AND TVD)*				25. WAS DIRECTIONAL SURVEY MADE
SEE ATTACHMENT	PG 1						NO
6. TYPE ELECTRIC AND O	THER LOGS RUN					27.	WAS WELL CORED
GR/CBL & SPECT		SN			, m	<u>_</u>	NO
8. CASING SIZE	WEIGHT, LB./FT	DEPTH SET		O (Report all strings set i HOLE SIZE		G RECORD	AMOUNT PULLED
9-5/8"	36#	488'		12-1/4"	225		
7" 4-1/2"	26# 11.6#	6109 11048		8-3/4" 6-1/8"		SXS SXS	
7-1/2	11.0#	11040		<u> </u>			
SIZE	TOP (MD)	LINER RECORD BOTTOM (MD) S	ACKS CEMENT*	SCREEN (MD)	30. SIZE	TUBING REA DEPTH SET (MD)	PACKER SET (MD)
ORZ.	TOT (NID)	30110(1.2)					
21 DEPENDATION DECOR	D (Internal pin and mark			1 32	2-3/8"	10,572' ACTURE CEMENT SOU	FEZE ETC
31. PERFORATION RECOR SEE ATTACHMENT		noer)		DEPTH INTER		AMOUNT AND KIND	
				SEE ATTACH	MENT PG 1	SEE ATTACI	IMENT PG 1
3.* DATE FIRST PRODUCTION	PRODUC	TION METHOD (Flowing,		RODUCTION and type of pump)			TUS (Producing or
2/17/07				OWING		shut-in)	PRODUCING
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL.	GAS-MCF.	WATER-BBL	GAS-OIL RATIO
2/19/07	24	18/64	>	37	1222	279	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-	-MCF W	ATER—BBL	OIL GRAVITY-API (CORR.)
1374 4. DISPOSITION OF GAS (2231 Sold used for fuel vented	>	*		<u>: </u>	TEST WITNESSED	ву
SOLD		,y				1	
5. LIST OF ATTACHMENT PERFORATION I	DETAIL - ATTAC	CHMENT PAGE O	NE & WELLBO	RE SCHEMATIC	,		
66. I hereby certify that the for	regoing and attached info	rmation is complete and co	rrect as determined from	all a allable records	N SUPERVISOR	DATE	4/19/07

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

drill-stem tests, include recoveries):	nng deptn interval test	ted, cushion used, time tool ope	38.	GB 9ML 16 8 22				
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	OP TRUE		
INTA REEN RIVER	SURFACE 2,706'			NAME	MEAS. DEPTH	VERT. DEPTI		
1AHOGANY	3,346'			UINTA	SURFACE			
VASATCH	5,836'			GREEN RIVER	2,706'			
IESA VERDE	8,556'			MAHOGANY WASATCH	3,346' 5,836'			
EGO D	10,846' 11,050'			MESA VERDE	8,556'			
ע	11,030			SEGO	10,846'			
				TD	11,050'			
						on to be		
					CONFIDE	TIAL		
					COMP.			
	ŀ	l l		i	i i	1		

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CONFIDENTIAL

GB 9ML 16-8-22 - ATTACHMENT PAGE ONE

PERFORATION DETAIL:

Open Perfs	Stimulation					Perf Status
7419' – 7423'	<u>. i.</u>					Open – Wasatch
7419 - 7423	Frac w/	42,700	l be in	20,202	Gals	Open – Wasatch
7545' – 7549'	riac w/	42,700	LUS III	20,202	Gais	Open – Wasatch
/545 - /548 J						· Open – wasaten
7818' – 7822'	<u> </u>					Open – Wasatch
8135′ – 8139′	Frac w/	58,000	Lbs in	24,948	Gals	Open – Wasatch
8383′ – 8387′						Open – Wasatch
8641′ – 8645′)				: : :		Open – Mesa Verde
8650' – 8654'	:		- 			Open – Mesa Verde
8720' – 8724'	Frac w/	99,500	Lbs in	54,054	Gals	Open – Mesa Verde
8744′ – 8748′						Open – Mesa Verde
9295' – 9298'				: :	, p: 10 0000000000000000000000000000000000	Open – L Mesa Verde
9324' – 9327'				- 		Open – L Mesa Verde
9337' – 9340'	2	404	·			Open – L Mesa Verde
9362' – 9365'	Frac w/	209,200	I bs in	102,564	Gals	
9761' – 9765'	1100 117	203,200		102,301		Open – L Mesa Verde
3701 3703		popper and the second section of the second section of the section of the second section of the section of t				
10088' - 10091'		e parage con legerarda e Econo de calded MARTIE . 4		:		Open – L Mesa Verde
10170' - 10173'					:	Open – L Mesa Verde
10229' - 10233'	Frac w/	151,000	Lbs in	89,712	Gals	Open – L Mesa Verde
10316′ – 10318′						Open – L Mesa Verde
10438' – 10442'					: : :	Open – L Mesa Verde
10629′ – 10633′						Open – L Mesa Verde
10642' - 10646'						Open – L Mesa Verde
10665' - 10669'		ring y yy y nifynyddyn o'i fa'r canhada bladdi'r ar MWYD 1790 Ha 11 - WY				Open – L Mesa Verde
10678' - 10682'	Frac w/	198,100	Lbs in	107,142	Gals	Open – L Mesa Verde
10807' – 10811'						Open – L Mesa Verde
10823' - 10827'						Open – L Mesa Verde
10866′ – 10870′						Open – L Mesa Verde

FIELD: Glen Ben		GL: 4,872 ' KBE: 4,894	
Well: GB 9ML-1 Location - surface:	1985' FSL, 808' FEL, NE	TD: 11,050 ' PBTD: 11,000 /SE Sec. 16, T8S, R22E	Current Well Status: Reason for Pull/Workover: Initial completion
Location - bottom hole:	1905 754 000 724 114	,52 563 10, 100, 1	
API#:43-047-37944		Uintah County, Utah	Deviation: Less than 1 deg/100'
	Wellbore	7	
	Schematic		Tubing Landing Detail:
			Description Size Footage KB 22.00
Surface casing			Hanger 0.45
Size: 9-5/8"			323 N-80 2 3/8" 4.7# tbg 10,515.03 10 1.81" F-nipole 0.90 10
Weight: 36# Grade: J-55		Ž	1.81" F-nipple 0.90 10 1 jts 2-3/8" N-80 32.57 10
Grade: J-55 Set @ 488			notched bit sub 0.90 10
Cmtd w/ sk 225			EOT @ 10,
Hole size: 12-1/4"			Tubing Information:
			Condition:
		TOC @ 3950	New: x Used: Rerun: Grade: J-55 J-55
		100 @ 2501	Weight (#/ft): 4.7#
EXCLUDED PERFS		OPEN PERFS	
			Wellhead Detail: Example: 7-1/16" 3000#
* *			4- 1/16" 10K
			Other:
			Hanger: Yes <u>x</u> No
			SUMMARY
			2-5-07 MIRU. Complete well. Zone 1 Frac w/ 198,000# PR-6000 sand. Sego/L Mesaverde 106
			Zone 2 Frac w/ 151,000# PR-6000 sand. L Mesaverde 100
			Zone 3 Frac w/ 209,000# PR-6000 sand. L Mesaverde 929
			Zone 4 Frac w/ 99,500 # Ottawa sand. Mesaverde 864 Zone 5 Frac w/ 58,000 # Ottawa sand. Wasatch 781
			Zone € Frac w/ 43,000# Ottawa sand. Wasatch 741
			2-17-07 Turned well over to production.
Intermediate casing			
Size: 7"			
Weight: 26#			
Grade: J-55 Set @ 6109'			
Cmtd w/ sk 415			
Hole size:		7419'-7423' Wasatch 7449'-7453' Wasatch	
<u> </u> :		7545'-7549' Wasatch	
<u> </u>			
		7818'-7822' Wasatch 8135'-8139' Wasatch	
1		8383'-8387' Wasatch	
		negal peges harmonia-	
		8641'-8645' Mesaverde 8650'-8654' Mesaverde	
		8720'-8724' Mesaverde	
		8744'-8748' Mesaverde	
		9295'-9298' L. Mesaverde	
		9324'-9327' L. Mesaverde	
		9337'-9340' L. Mesaverde	
		9362'-9365' L. Mesaverde 9761'-9765' L. Mesaverde	
		10088'-10091' L. Mesaverde 10170'-10173' L. Mesaverde	
		10170-10173 L. Mesaverde 10229'-10233' L. Mesaverde	
		10316'-10318' L. Mesaverde	
1		10438'-10442' L. Mesaverde F-nipple 0 10,537'	
1	! !	EOT © 10,572'	
		10629'-10633' L. Mesaverde	
ľ		10642'-10646' L. Mesaverde 10665'-10669' L. Mesaverde	
Production Casing		10678'-10682' L. Mesaverde	
Size: 4-1/2"		10807'-10811' L. Mesaverde	
Welght: 11.6# Grade: P-110		10823'-10827' L. Mesaverde 10866'-10870' Sego	CONFIDENTIAL
Giane' L-TTA	N i	PBTD 0 11000'	CONFUENCE
Set @ 11048	- St	2 · _	FAMEN CARACLE IN ACT OF THE PARTY OF THE PAR

Prepared By: Todd Selffert

Date: 2-18-07

NOTE: Short jts csg @ 5754'-64' & 8512'-21". (Cutters Wireline CBL)

Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

(for state use only)

RO	UTING
	CDW

Change of Operator (Well Sold)						X - Operator Name Change							
The operator	of the well(s) listed below has char	ged,	effectiv	/e:			Pormor	6/14/2010	50				
FROM: (Old	Operator):				TO : (New Op	erator):	0/14/2010					
N5085-Questar	Exploration and Production Compa	ny					ergy Comp	anv					
	th St, Suite 500	•					th St, Suite						
Denver,	CO 80265						CO 8026						
					ļ	,	, 50 0020						
Phone: 1 (303) 308-3048						1 (303)	308-3048						
	CA No.				Un	nit:							
WELL NAME		SEC	TWN	RNG	API N	0	ENTITY	LEASE TYPE	WELL	WELL			
							NO		TYPE	STATUS			
	SEE ATTACHED												
OPERATOR	R CHANGES DOCUMENT	A TI	ON										
	r each listed item is completed	AII	OIN										
) Sundry or legal documentation wa	s rece	eived fi	rom the	FORM	FR oper	ator on:	6/28/2010					
2. (R649-8-10) Sundry or legal documentation wa	s rece	vived fi	rom the	NEW	nerotor o	ator on:	6/28/2010					
	mpany was checked on the Departi									C/O 1/0010			
4a. Is the new	operator registered in the State of U	itah.	ու Հար	er ce	, DIVISIO	Number	rporations			6/24/2010			
5a. (R649-9-2)W	Vaste Management Plan has been re	ceive	d on:		Requ		•	764611-0143					
	of LA PA state/fee well sites compl				n.								
	rent for Production/Disposition & S					k							
6. Federal a	nd Indian Lease Wells: The BL	M and	d or the	- RIA h	as annro	wed the	merger no	ma changa					
or operator of	change for all wells listed on Federa	ol or I	u Oi uii ndian 1	Pacec o	as appro	wed the	BLM		D. 1.				
	nd Indian Units:	11 OI I	naian i	cases o	11.	*****	DLIM	8/16/2010	BIA	not yet			
	or BIA has approved the successor	ofun	it anar	nton for		1		0/1//0010					
8. Federal a	nd Indian Communization Ag	oi uii	onte (aioi 101 "C A !!)	wells II	sted on:	•	8/16/2010					
	or BIA has approved the operator f					7 A		37/4					
9. Undergro	und Injection Control ("UIC"	or an	wens	boo on	unm a C	A on:	<i>5</i> TE	N/A					
Inject for the	ne enhanced/secondary recovers an) DI	v 151011	nas ap	proved	UIC FO	rm 5 Fran						
DATA ENTE	ne enhanced/secondary recovery un	ıı/pro	ject 101	ine wa	ter dispo	osai weiii	(s) listed of	n: .	6/29/2010				
	ered in the Oil and Gas Database				C/20/	2010							
	re been entered on the Monthly Op		r Cha	ngo Sn	6/30/	2010		6/20/2010		5			
3. Bond inform	nation entered in RBDMS on:	Ciato	и Спа	nge Sp	6/30/		-	6/30/2010					
	ells attached to bond in RBDMS on	•		•	6/30/								
	ojects to new operator in RBDMS o			•	6/30/								
	acceptance of Drilling Procedures for		D/New	on:	01501	2010	n/a						
BOND VERI							12 4						
1. Federal well-	(s) covered by Bond Number:				ESB00	00024							
	s) covered by Bond Number:			-	96501								
	The NEW operator of any state/fee	well	(s) liste	ed cove	red by E	Sond Nur	nber	965010695					
	ER operator has requested a release						n/a						
	EREST OWNER NOTIFIC					_							
4. (R649-2-10) T	The NEW operator of the fee wells	has b	een coi	ntacted	and info	rmed by	a letter fro	m the Division					
of their respo	nsibility to notify all interest owner	s of th	nis cha	nge on:			n/a						
COMMENTS:													

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

	See attached OIL WELL GAS WELL OTHER See attached OIL WELL GAS WELL OTHER SI WELL NAME and NUMBER: See attached See attached OIL WELL GAS WELL OTHER SI WELL NAME and NUMBER: Autoched OIL WELL GAS WELL OTHER See attached OIL WELL GAS WELL OTHER See attached OIL WELL GAS WELL OTHER See attached OIL WELL GAS WELL OTHER SEE ATTACHER OF NOTICE SEED OF SEE ATTACHER OIL RELEASE OF WELL OTHER OIL RELEASE OF WELL OTHER OIL RELEASE OF WELL OTHER OIL RELEASE OF WELL OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHER OTHE				
		DIVISION OF OIL, GAS AND M	IINING		
	STINDE	V NOTICES AND DEDODI	C ON ME		
	CONDIN	MOTICES AND REPORT	2 ON MELI	LS	l <u> </u>
Do	o not use this form for proposals to drill	new wells, significantly deepen existing wells below a	irrent hottom-hole denti	- Foontar plugged wells and	7. UNIT or CA AGREEMENT NAME:
	drii nonzonari	aterals. Use APPLICATION FOR PERMIT TO DRILL	form for such proposal:	s.	
	OIL WELL	GAS WELL OTHER			The state of the s
2 1	NAME OF OPERATOR:				
Q	uestar Exploration and I	Production Company 1/5	085		
				PHONE NUMBER:	
	See attached See attached TYPE OF WALL OIL WELL GAS WELL OTHER Septiments design with below current programment green, number of programment is all the works septiments of the month of programment is all the works. See attached TYPE OF WALL OIL WELL GAS WELL OTHER See attached TYPE OF WALL OIL WELL GAS WELL OTHER See attached TOTHER Exploration and Production Company M 50 8 5 NASES WELL OTHER See attached TOTHER Exploration and Production Company M 50 8 5 NASES WELL OTHER See attached TOTHER Exploration and Production Company M 50 8 5 NASES WELL OTHER See attached TOTHER Exploration and Production Company M 50 8 5 NASES WELL OTHER SEE ASSESSMENT				
	_				
F	OOTAGES AT SURFACE: See a	ttached			COUNTY: Attached
_	TRATE SECTION TOWNSHIP BAN	ICE AMERICAN			
Sundry Notices and Reports on Wells Do not use the form for processes to 6th form with, apprilately release passing and a base aurent bottom-base depth, merear plugged wells or to describe the form with apprilately release passing and a base aurent bottom-base depth, merear plugged wells or to describe the form of the form of the properties. 1 PYPE OF WELL 2 NAME OF OFERATOR: Questar Exploration and Production Company 3 A Notestar Exploration and Production Company 4 LOCATION OF PROPERTOR Questar Exploration and Production Company 4 LOCATION OF PROPERTOR 1 STATE: QUESTAR SCHOOL TOWNSHIP, RANGE, MERIDIAN 1 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 1 TYPE OF SUBMISSION 1 TYPE OF ACTION 1 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 1 TYPE OF SUBMISSION 1 ALTER CASING APPROPRIATE ROCKES OF THE PROPERTOR OF THE PROPER					
SUNDRY NOTICES AND REPORTS ON WELLS SUNDRY NOTICES AND REPORTS ON WELLS Contract the form to propende to set or wells, significantly decrease soliting and home purpose the dark, rewriter pluggade wells, or to Part of the Contract Contr					
Sundry Notices and Reports on Wells Sundry Notices and Reports on Wells Conscious the form start supposes to add now with, supplied by down and all with some or great bottom nos seam, reset plugged words, and seathered. I Pipe of Mell Control Well Great Supplied Supplie		RT, OR OTHER DATA			
	TYPE OF SUBMISSION		TY	PE OF ACTION	
\checkmark		ACIDIZE	DEEPEN		REPERFORATE CURRENT FORMATION
	(Submit in Duplicate)	ALTER CASING	FRACTURE T	REAT	SIDETRACK TO REPAIR WELL
	Approximate date work will start:	CASING REPAIR	NEW CONST	RUCTION	TEMPORARILY ABANDON
	6/14/2010	CHANGE TO PREVIOUS PLANS	OPERATOR O	CHANGE	TUBING REPAIR
		CHANGE TUBING	PLUG AND A	BANDON	
		CHANGE WELL NAME	PLUG BACK		
		CHANGE WELL STATUS	_	I (CTADT/DECLIME)	
	Date of work completion:	1=		-	
			=		
				**	
12.	DESCRIBE PROPOSED OR CO	MPLETED OPERATIONS. Clearly show all p	pertinent details inclu	iding dates, depths, volume	s, etc.
Eff	ective June 14, 2010 Q	uestar Exploration and Productic	n Company d	hanged its name to	OFP Energy Company This name
CH	ange involves only an in	iternal corporate name change a	nd no third na	rty change of operat	or is involved. The same
en	ibioliees mili continue to	be responsible for operations of	the properties	s described on the a	ttached list. All operations will
COI	imide to be covered by	bond numbers:			
re	derai Bond Number: 96	65002976 (BLM Reference No. E	SB000024)	NOIDO)
Fe	all State Bond Number:	905003033 > 9650106	95		
BIA	Rond Number: 7004	16 Gh50/h/ G2			
	· Dona Hambon. 1301-	143018673			
The	e attached document is	an all inclusive list of the wells o	nerated by Ou	estar Evoloration ar	ad Production Company As at
Jur	ne 14, 2010 QEP Energ	y Company assumes all rights, o	luties and oblid	gations as operator	of the properties as described on
the	list	3 ,		, do opo.dio.	or the properties as described on
	SUNDRY NOTICES AND REPORTS ON WELLS DISTRIBUTION OF THE PROMISE AND THE PORTS ON WELLS DISTRIBUTION OF THE PROMISE AND THE PORTS AND ADDRESS OF				
NAME	(PLEASE PRINT) Morgan An	derson	TIT1 =	Regulatory Affairs	Analyst
	Morani	Andros			
SIGNA	ATURE WIGHT	TYIQUID	DATE	6/23/2010	
nis spa	ace for State use only)				

(Th

RECEIVED

JUN 2 8 2010

(See Instructions on Reverse Side)

APPROVED 61301 2009
Carlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700) effective June 14, 2010

	епеси	vc oui	10 17,	2010					
well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
Wr 16G-32-10-17	32	100S	170E	4301350370		State	OW	NEW	C
STATE 1	36			4304715128	5878	State	GW	P	_
KAYE STATE 1-16	16	100S		4304730609	5395	State	GW	P	
TOLL STATION ST 8-36-8-21	36	080S		4304732724	12361	State	GW	S	-
GB 8A-36-8-21	36	080S		4304733037	12377	State	GW	P	
GB 6-36-8-21	36	080S		4304733038	12378	State	GW	P	1
GB 2-36-8-21	36	***************************************		4304733252	12527	State	GW	P	
GH 1W-32-8-21	32			4304733570	12797	State	GW	P	
GH 3W-32-8-21	32			4304733571	12796	State	GW	P	
GH 5W-32-8-21	32			4304733572	12828	State	GW	P	
GH 7W-32-8-21	32			4304733573	12872	State	GW	P	-
GH 2W-32-8-21	32			4304733744	13029	State	GW	P	
GH 4W-32-8-21	32			4304733745	13025	State	GW	P	1
GH 8W-32-8-21	32	080S		4304733746	13030	State	GW	P	
OU GB 3W-16-8-22	16	080S		4304733751	13577	State	GW	P	
OU GB 5W-16-8-22	16			4304733751	13570	State	GW	P	ļ
GH 6W-32-8-21	32			4304733753	13036	State	GW	P	
OU GB 11W-16-8-22	16			4304733754					ļ
GH 5G-32-8-21	32			4304733734	13582	State	GW	P	
GB 1W-36-8-21	36			4304733944	13037	State	OW	P	
WV 2W-2-8-21	02			4304734034	13439	State	GW	P	
GB 6W-25-8-21	25			4304734034	13678	State	GW	P	<u> </u>
GB 7W-25-8-21				4304734121	13440	Fee	GW	P	
WV 9W-16-7-21					13436	Fee	GW	P	
OU GB 11W-30-8-22				4304734324	10400	State	GW	LA	
OU GB 4W-16-8-22				4304734392	13433	Fee	GW	P	
OU GB 10W-16-8-22				4304734598	13579	State	GW	P	
OU GB 12W-16-8-22				4304734616	10.00	State	GW	LA	
OU GB 13W-16-8-22				4304734617	13697	State	GW	P	
GB 14MU-16-8-22				4304734618	13611	State		P	
OU GB 15W-16-8-22				4304734619	14196	State	GW	P	
OU GB 16W-16-8-22				4304734622	13595	State	GW	P	
				4304734655	13815	State	GW	P	
OU GB 2W-16-8-22				4304734657	13721	State	GW	P	
OU GB 6W-16-8-22				4304734658	13592	State		P	
OU GB 8W-16-8-22				4304734660	13769	State	GW	TA	
OU GB 9W-16-8-22				4304734692		State	GW	LA	
OU GB 15G-16-8-22				4304734829	13777	State	OW	S	
GB 7MU-36-8-21				4304734893	14591	State	GW	P	
GB 3W-36-8-21				4304734894	13791	State	GW	P	
NC 8M-32-8-22				4304734897		State	GW	LA	
NC 3M-32-8-22				4304734899		State	GW	LA	
GB 5W-36-8-21				4304734925	13808	State	GW	P	***************************************
GB 4MU-36-8-21				4304734926	14589	State	GW	P	
NC 11M-32-8-22				4304735040		State	GW	LA	
GB 5SG-36-8-21				4304735155	14015	State	GW	P	
SC 13ML-16-10-23	16	100S	230E	4304735281	14036			P	
SC 3ML-16-10-23	16	100S	230E	4304735282	14014			P	
SC 11ML-16-10-23				4304735311	14035			P	
WH 13G-2-7-24				4304735484	14176			PA	
FR 9P-36-14-19				4304735880	14310			P	
CB 13G-36-6-20				4304735969	1.010			LA	

Bonds: BLM = ESB000024 BIA = 956010693 State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700) effective June 14, 2010

		,	10 17, 2						
well_name	sec	twp	rng	api	entity	mineral lease	type	stat	С
WH 2G-2-7-24	02	070S	240E	4304736259		State	GW	LA	
WH 4G-2-7-24	02	070S	240E	4304736261		State	GW	LA	
FR 1P-36-14-19	31	140S	200E	4304736300	14859	State	GW	P	
WK 3ML-2-9-24	02	090S	240E	4304736723		State	GW	LA	
WK 7ML-2-9-24	02	090S	240E	4304736724		State	GW	LA	
SC 5ML-16-10-23	16			4304736877	15125	State	GW	P	1
SC 12ML-16-10-23	16			4304736878	15053	State	GW	P	_
SC 14ML-16-10-23	16	100S	230E	4304736908	15070	State	GW	P	1
SC 4ML-16-10-23	16	100S	230E	4304736912	15208	State	GW	P	·
FR 3P-36-14-19	36	140S	190E	4304737376	15736	State	GW	P	1
BZ 12ML-16-8-24	16	080S	240E	4304737670		State	GW	LA	
BZ 10D-16-8-24	16	080S	240E	4304737671	15979	State	GW	S	1
BZ 14ML-16-8-24	16	080S	240E	4304737672		State	GW	LA	
BBE 9W-16-7-21	16	070S	210E	4304737745		State	GW	LA	
GB 10ML-16-8-22	16			4304737943		State	GW	LA	-
GB 9ML-16-8-22	16		***************************************	4304737944	15851	State	GW	P	
HR 2MU-2-12-23	02			4304738052		State	GW	LA	†
HR 3MU-2-12-23	02			4304738053		State	GW	LA	<u> </u>
HR 6MU-2-12-23	02	120S	230E	4304738054		State	GW	LA	
HR 10MU-2-12-23	02			4304738055	15737	State	GW	S	
HR 12MU-2-12-23				4304738056		State		LA	
HR 14MU-2-12-23				4304738057		State	GW	LA	-
HR 16MU-2-12-23	02			4304738058		State	GW	LA	
FR 11P-36-14-19	36			4304738349	15899	State	GW	P	
GB 4SG-36-8-21	36			4304738764	16142	State		P	
GB 7SG-36-8-21	36			4304738765	16144	State		P	
WF 3D-32-15-19				4304738877		State		APD	С
SCS 5C-32-14-19				4304738963	16759	State		P	1
FR 7P-36-14-19		****************		4304738992	15955			P	
SCS 10C-16-15-19				4304739683	16633	State		P	
FR 6P-16-14-19				4304740350	70000			APD	C

Bonds: BLM = ESB000024 BIA = 956010693 State = 965010695